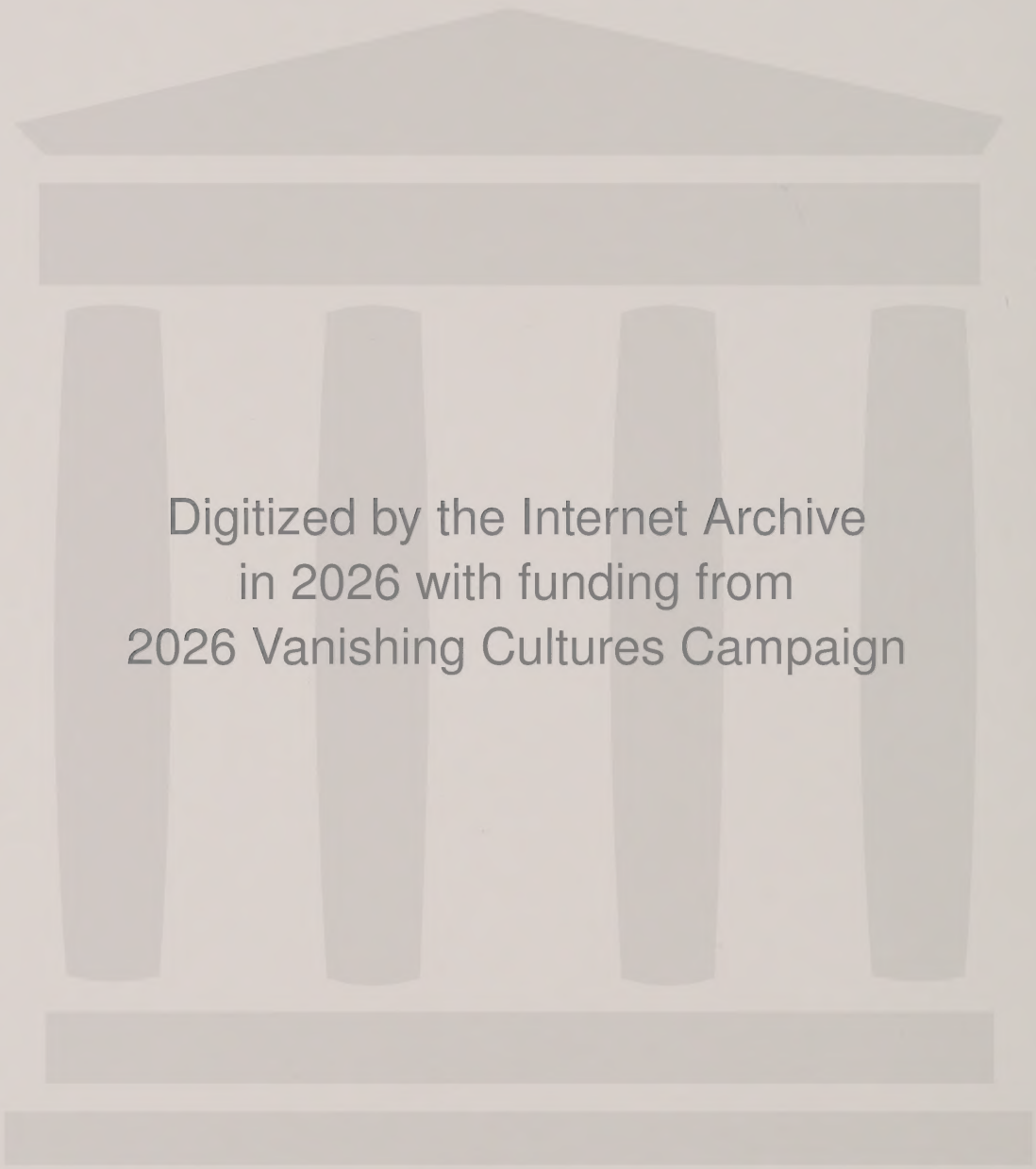
S2 Student Clubs/Organizations
1 WRMC Correspondence
1995-1999

BOX 1
FOLDER 6



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Chase, Charlotte

From: Stuart Jim
To: Winner Chip; Swan Jay; cchase
Subject: RE: WRMC Computer
Date: Friday, February 17, 1995 5:30PM

I don't think this is a good idea, I don't see it as productive. My role should not include the final decision as to which machines to purchase for faculty, staff, students, or other organizations. Many months ago we hired a computing professional in the college store to sell computers and software, to be available for advice, to act the college's best interest in terms of the purchase of technological devices. I have complete confidence in Jay Swan's abilities, and while we may disagree from time to time, that doesn't make either of us wrong. Jay is more up on the latest computers for sale, prices, and more in tune with market conditions and trends. He works much more closely with vendors.
If you or others ask for my advice, I will happily give it. I am always willing to offer technology advice or my views on particular issues, to assist with planning (long or short term), but it is not my role to assume responsiblity and solve all problems simply because they are technological in nature. I am not a player in this as you discribe below, it is not my budget in which I need to balance requests. It is not a decision which is appropriate for me to make.
P.S. Chip just read the note and feels the same.

From: Chase, Charlotte on Fri, Feb 17, 1995 4:42 PM
Subject: WRMC Computer
To: Stuart Jim

It is late in the day but on Monday Jason Mantzoukas, new station manager of WRMC, will call you to make an appointment to talk about the computer for WRMC. He has a copy of my whole file. I would like you to meet face to face with him and each player will be able to understand each others need. Basically we need to find a computer that fits the job description at an appropriate price.

Chase, Charlotte

From: Stuart Jim
To: cchase
Cc: Swan Jay
Subject: RE: WRMC Computer - Second Message
Date: Friday, February 17, 1995 5:42PM

I'm sure Jay, Chip and/or myself would be happy to meet with you to provide additional _advice_ if that is what is required (though monday is very difficult for both Chip and I). Has the propsal changed?

From: Chase, Charlotte on Fri, Feb 17, 1995 4:45 PM
Subject: WRMC Computer - Second Message
To: Stuart Jim

Would you be able to meet with Jason and myself Monday, 2/20 Times available are any time fefore noon. Let me know. Thanks.

Chase, Charlotte

From: Stuart Jim
To: cchase
Cc: Winner Chip; Swan Jay
Subject: RE: WRMC Computer
Date: Tuesday, February 07, 1995 6:36PM

My orginal suggestion stands on the orginial proposal, if the LC575 is no longer available, then I would go with the closest thing (a cheap '04 machine).

However, the propsal, as I read, has changed. there was no mention that I can recall of desktop publishing in the first note, just some word processing and some lite database work. whereas desktop publishing, having a significant computing resource requirement, is in the second one. Is there really a need for this? or is it an attempt to justify the better machine?

while '04 based machines will become obsolete much sooner than powerpc based ones, I have trouble recomending a powerpc to a fairly lite computing group while the new machines for faculty this year (much to my disagreeemnt) were '04 based rather than powerpc. It just doesn't seem right.

From: Chase, Charlotte on Tue, Feb 7, 1995 5:06 PM
Subject: WRMC Computer
To: Winner Chip; Stuart Jim

Would you please let me know what your input is regarding the second proposal for the computer system for WRMC? Second proposal was sent to you on January 10th. Should we go with the Performa and Apple monitor?

Chase, Charlotte

From: Swan Jay
To: cchase
Subject: RE: WRMC Computer Order
Date: Monday, January 16, 1995 9:24AM

The LC 575 is no longer available to us. It is now called the Performa 575 and is in the retail channel only now.

The closest things are the Performa 636 and 578. The 578 is $1697 (with monitor) and the 636CD is $1297 plus $275 for a mitsubishi monitor or $408 for an Apple monitor.

From: Chase, Charlotte on Fri, Jan 13, 1995 5:45 PM
Subject: WRMC Computer Order
To: Swan Jay

I have a proposal from WRMC for computer equipment for new equipment. What would a LC575 cost? This would includes cables etc.

Student Activities Office

McCullough Student Center, Middlebury College, Middlebury Vermont 05753, 802-388-3711, extension 3103

To: James Stewart
Chip Winner
Tiffany Sargent
cc: Jesse Cunningham

From: Charlotte Chase
Student Activities

Re: WRMC Computer

Date: January 10, 1995

Enclosed you will find an edited proposal as submitted to me by Jesse Cunningham for a new computer system in the office of WRMC.

He has gone back to Jay Swan to review the station's needs. It seems that Jay still recommends the option. I am forwarding this asking you to check base with Jay and then give me your input. To me the suggestion of the Performa and Apple monitor still makes sense given the information that you have shared with me.

Many thanks.

Computer Purchase Proposal for WRMC

To whom it may concern:

The following is a proposal for the purchase of a new computer for WRMC. WRMC currently owns a Macintosh Plus computer with an auxiliary hard drive and an Imagewriter printer. The computer crashed last year and when we brought it in to have it repaired we were told that it was hardly worth fixing. The hard drive was replaced and the computer crashed again this fall.

Rather than fixing an outdated and problematic computer again, I believe that WRMC should purchase a new computer. I have spoken to the Apple sales representative about what system would be best for our needs. The following is a list of the hardware and software and the current prices.

Power Mac 6100 8 MB RAM 250MB HD	$1625
17" Multiscan monitor	$838
Laserwriter select 360	$1249
Keyboard	$65
Pagemaker 5.0	$147+ shipping
Word 6.0	$80.87
Filemaker Pro	$95

The computer will be sufficient to meet the needs of the radio station at the present time and into the future. Filemaker Pro is necessary to create a database to keep track of and organize the new music that we receive. Pagemaker and the 17" monitor will allow the radio station to layout its own publications, for example the FMphasis bi-monthly newsletter, without having to gain access to the computers in the office of The Campus. In the past, members of WRMC have had to begin layout at 2 am because it was the only time the computers were available. The Laserwriter would allow us to print our own schedules and correspondences.

The preceding proposal has been rejected because it is believed that the Power Mac is not necessary for what the computer will be used for. I consulted Jay Swan again and he still feels that the Power Mac with the 17" monitor is a reasonable option given the desktop publishing that we expect to do. However, if this proposal is still not acceptable, he suggested the Performa 636CD at $1297 with an Apple monitor, $408.

If there is any other information that you need, please do not hesitate to contact me.

Sincerely,

Jesse Cunningham
WRMC Station Manager

Student Activities Office

McCullough Student Center, Middlebury College, Middlebury Vermont 05753, 802-388-3711, extension 3103

To: James Stewart
Chip Winner
Tiffany Sargent
cc: Jesse Cunningham

From: Charlotte Chase
Student Activities

Re: WRMC Computer

Date: January 10, 1995

Enclosed you will find a proposal as submitted to me by Jesse Cunningham for a new computer system in the office of WRMC. Basically their computer has "died", should not be "resurrected" and this is the paperwork to get a new one on board.

Basically it is for word processing and record keeping. It will be stored and use in the office. Is there anything missing in the proposal that should have been included? Thanks for your prompt input. If I hear from you soon, I will order it at the end of the week. Thanks.

December 18, 1994

Computer Purchase Proposal for WRMC

To whom it may concern:

The following is a proposal for the purchase of a new computer for WRMC. WRMC currently owns a Macintosh Plus computer with an auxiliary hard drive and an Imagewriter printer. The computer crashed last year and when we brought it in to have it repaired we were told that it was hardly worth fixing. The hard drive was replaced and the computer crashed again this fall.

Rather than fixing an outdated and problematic computer again, I believe that WRMC should purchase a new computer. I have spoken to the Apple sales representative about what system would be best for our needs. The following is a list of the hardware and software and the current prices.

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The computer will be sufficient to meet the needs of the radio station at the present time and into the future. Filemaker Pro is necessary to create a database to keep track of and organize the new music that we receive. Pagemaker and the 17" monitor will allow the radio station to layout its own publications, for example the FMphasis bi-monthly newsletter, without having to gain access to the computers in the office of The Campus. In the past, members of WRMC have had to begin layout at 2 am because it was the only time the computers were available. The Laserwriter would allow us to print our own schedules and correspondences.

If there is any other information that you need, please do not hesitate to contact me.

Sincerely,

Jesse Cunningham

Jesse Cunningham
WRMC Station Manager

Chase, Charlotte

To: Stuart Jim
Cc: Tiffany Sargent
Subject: RE: WRMC Computer

Many thanks for your information. The older machines of The Campus were sold in a buy back offer as arranged by the bookstore/computer sales.

Will share your recommendations with WRMC and I feel that they will agree with you.

When life slows down with you both let's talk about a "plan."

Jim, did enjoy your Vax course. Your sense of humor is marvelous. Thanks.

From: Stuart Jim
To: cchase
Subject: RE: WRMC Computer
Date: Friday, January 13, 1995 10:04AM

Charlotte:
Chip and I have talked this over a bit and feel that the request for a powermac is a bit out of line. For example, the bulk of the new faculty machines this past semester were not powermacs but rather LC575s. For word processing and some file make pro databases, a mid range machine should do nicely. What happened with the Campus' older machines when they were upgraded. One of the better macs which was swapped out would probably fit nicely. If they are not available, we would recomend an LC575.

Also, Chip and I were thinking that we might improve the approach to issues such as this. That is rather than accept or decline a wishlist as needs become critical, that we could take a more proactive approach for computer upgrades. If you would like, Chip and I would be happy to meet with you to plan out such a longer term strategy.

Chip & Jim

From: Chase, Charlotte on Fri, Jan 13, 1995 9:21 AM
Subject: WRMC Computer
To: Winner Chip; Stuart Jim
Cc: ADP/PCMAIL/TSARGENT

Wonder what you thnk of their proposal for buying a computer. Thanks.

WRMC

Tiffany,

Here is a quick run down of the Town/Legal fiasco that is currently the state of affairs on our tower and transmitter, as I understand it from talking to Betty Wheeler. When we approached the town to put a new more powerful transmitter it was fine. Then came Cellular 1 wanted to go on the tower also. So the town hired a consultant who said the tower there could not handle all those things. So, Cellular 1 said they would build a new tower. Then the town reacted to that by saying that they did not want private co. on Chipman Hill because it is specifically set aside for PUBLIC use. So, this legal case ensued. Then somehow the land the tower is on came under the control of Anthony Neary, who made private deals with 2 cellular phone companies. Both of whom now transmit, privatly, for profit, from the existing tower on Chipman Hill. Basically as Betty Wheeler has told me, this case is going no where fast because " everybody but you has what they want." As I see it we are getting fantastically screwed by this whole process. Our transmitter was struck by lightening last year so WRMC which is licenced as a 100 watt station now broadcasts at less than 60 watts. We cannot spend the money to fix it because why waste that much money if we are going to make the change?

These are my questions. Who are our lawyers? And why are they not pressing ahead with this case? Why have our lawyers allowed these other companies to exist for years on the tower without making a stink. Who is getting progress reports from our lawyers? Are there progress reports from our lawyers? Who hired our lawyers? And do they know there is still a case?

Here at WRMC we are at the bottom of the great barrel of information. I know someone must be talking or reporting to someone. Who is that? Why is this taking so long? All that need be done essentially is for a party presumably the displeased party, us, to take intrest and get things going. The town, Cellular 1, Nynex, they could care less about this case. They are all profiting nicely now as it is. We WRMC are the only ones who are losing. And, as I see it we are losing big. In the past we have expressed our desires and willingness to write letters and sign petitions but these were always discouraged. Well now Betty Wheeler says that writing letters will help because it will show that someone cares. Basically if nobody raises a fight this will drag on for years. I for one have waited long enough for this. Our lawyers have essentially gotten us nowhere in the last 5-6 years. We cannot wait anymore. We must find a way to change this current situation or find a new location to put our tower.

I hope we can meet soon to talk about this. Thanks.

JASON MANTZOUKAS

Conversation w/ Jim Ross 03/22/95

Buskey on board

sounds like we've been left out of the loop

" will talk w/ Tony Neary,

then Betty Wheeler,

then get back to you "

tvs

5/8

Chas —

Pls have a copy made + sent to Jim Ross c/o Sen Bldg.

Ty!

Done 5/9/95 T.

99340

WRMC
D-29, Middlebury College
Middlebury,Vt. 05753

March 27, 1995

Betty Wheeler
Town Manager

Dear Betty,

First of all I would like to thank you for your continued help and advice over the last few months. I now feel as though I understand the situation in which the station has been stuck. The reason I am writing to you is twofold, first to put forth the history of the problem as I understand it, and second to express the importance of settling this as soon as possible. As you know, it has been 7 years since WRMC voiced our interest in adding a more powerful transmitter to the town's tower on Chipman Hill. When cellular phone company Cellular 1 expressed interest in also using that tower the issue of public land versus private company erupted into a legal dilemma. At some point the land which the tower is on came under the control of Anthony Neary who then made temporary arrangements with both Cellular 1 and another another cellular company to use that public land to broadcast from. For years these two companies have used the tower adding their own sheds and equipment to the site. Meanwhile, WRMC, a non-commercial radio station benefiting both the college and local community has been caught outside this loop for seven years.

During these last seven years of waiting WRMC has experienced numerous transmitter failures and increased technical problems. Our transmitter and broadcast equipment were in dire need of replacement 7 years ago. So you can imagine what they are like now. We cannot spend the many thousands of dollars to replace or even repair this equipment, because as soon as this case is settled and we make the jump to 1000 watts all of it will become obsolete to us. For the last seven years we have been barely getting by with makeshift replacement parts and equipment trying to solve our growing problems. It all came to a head last year when our current transmitter, located on the roof of Gifford Hall, was struck by lightening. Rendered virtually useless, we managed to salvage enough of it to allow us to broadcast at less than half of our wattage. This is a pressing problem which must be dealt with soon. WRMC is registered with the FCC as a 100 watt station requiring us to follow certain guidelines. We are also registered to all the record companies, who service us with the promotional material the station broadcasts, as a 100 watt station. If either of these organizations were to find out that we were broadcasting at this level it would jeapordize our license.

WRMC as a non-commercial radio station seeks to service both the college and local community. Our broadcasts have been enjoyed by people as far away as Ripton who call in praising their favorite disc jockeys. On air announcements from our events calendar often make the listening community aware of local events, and happenings. Now, our weak signal barely reaches East Middlebury, and many people both students and townspeople have voiced displeasure at not being able to tune in WRMC on their radio. This winter we broadcast the men's division III NCAA semi-finals played at Middlebury.

We got a lot of feedback from listeners that this was a service they enjoyed. As one of the areas only non-commercial radio stations we have a commitment to service the community in ways commercial radio cannot. WRMC is a valuable tool used by many people and organizations at the college and in town. The threat of shut down due to technical failure would be upsetting for all. Not to mention those loyal listeners who tune in to WRMC as for specific shows or music. Sports talk shows, Jazz all day and night on Sundays, and Saturday night at the opera have all gained strong listnerships. Then of course there are those who see WRMC as their only link to current independent and alternative rock music.

I understand work on this case is at a virtual standstill and I am hoping that this letter will show that there are people at WRMC and the college who care desperately about this case and eagerly await its resolution. We as a station can not hold out much longer. We may soon be forced to shut down due to technical failure, it is only a matter of time before the current transmitter quits for good. Please let me know there is anything I or any members of the WRMC Board of Directors or the college administration can do. We will be glad to help.

Thank you for your time and help.

Jason Mantzoukas

Station Manager, WRMC-FM

9:45am

(b)

Taken to
Julie

C-

Return to Student Activi
(NO room reservations will be

Number of Rooms: ____ single
____ double

Expected day of arrival _____

Student's name:

First:

Last:

Names of guests in each room:

1) _____

_____

2) _____

_____

3) _____

_____

Special Needs/Requests: _____

_____

Room Fee: A one-time charge of $30 p
payable at the time the reservation i
Commencement Weekend guests only. Ro
until 9:00 a.m., Monday. Room fee re
cards available in the Student Acctiv
Amount paid: $

To: Tiffany Sargent
From: Howie, WRMC
Date: May 25
RE: Counter Top Stand for the new board

Tiffany,

Attached is a sketch of the counter top addition that will be needed for the new board. The current counter is at a height that is too high to sit and operate the board and too low to stand and operate the new board. This 6 inch rise will allow the on-air DJ to stand and operate the board.

Charlotte said that I should write this up so that you could get it to Facilities Maintanence as soon as possible. I appologize if I seem like I'm in a rush everytime I ask for your help, but it looks like it could be a close call when we go back on the air June 12.

Thank you for all of your help; your patience and understanding has not gone unnoticed.

Howie

To: Tiffany Sargent
From: Howie @ WRMC
Date: June 2, 1995
Re: new receiver/amplifier

After talking with Charlotte yesterday, I realized that I should write this up to get it approved. WRMC needs a receiver/amplifier for it's Emergency Broadcast System. The way the EBS works is that a specified radio station is constantly (24hrs/day) monitored by our EBS encoder/decoder (through a receiver/amplifier setup); when the decoder hears that annoying sound that precedes the announcement that "this is a test of the EBS, this is only a test....", the encoder then puts the monitored radio station's signal over a speaker in our studio. The on-air DJ hears this and WRMC then runs its own EBS test.

The receiver/amplifier that we were using no longer works (it was actually a radio alarm clock.) I tried to use a receiver that we have in the station's old equipment closet but its output is the wrong electrical impedance. Derry Mason, of Outback Storage, has agreed to give WRMC a receiver/amplifier that we could use in exchange for one of the cassette decks that has been sitting in the old equipment closet for a couple of years. The cassette player is a TEAC V-390 CHX (serial # 010025 12); it is no longer used because the motor is inadequate for a commercial application, such as a radio station.

It is understood that both pieces are as is, without any warranty. Derry and I plan on making sure the components are in working order before the trade is made.

Sounds fine to me, Howie.
Tiffany
6/2/95

RP Communications

Robert Cham, President

9D Main Street Bristol, Vermont 05443 802-453-4369

Balance Due Upon Receipt of Invoice

June 30, 1995

Jason Mantzoukas
General Manager
WRMC
Drawer 29
Middlebury College
Middlebury, VT 05753

Dear Jason:

Here is my bill for services rendered to you between June 23, 1995 and June 29, 1995.

On June 23rd, I performed a quick inspection of the station. I verified that Howie's list of what belongs in a public file was accurate. I did not inspect the public file as it was not yet assembled in one spot. Howie has promised to accomplish this before my next monthly visit. I did note that the station license was not posted in either the master control room or at the transmitter site. There are substantial monetary penalties for not posting the original at the control point and a copy at the transmitter site. **This should be rectified immediately!** I also informed the staff that they should notify the FCC immediately to avoid financial liability to the college for not meeting the terms of it's license (underpowered operation), and furthermore take steps to rectify the situation. **Not to do this is a very serious violation of federal law!**

While at the station, I modified WRMC's EBS equipment to meet the new FCC standard, which takes effect July 1st. I was also given a homemade, totally undocumented telephone interface for master control and asked to hook it up in the same manner as the one in production. I did this after noting that it was not quite the same unit as the one in production. After the wiring was duplicated, It would not work, nor would the telephone. I placed some jumpers on the unit in order to make the telephone function at least and left for the day. When the interface had been removed from master control, the connection had been cut and no diagram had been made. If undocumented equipment is removed in such a manner you might as well throw it out and start over, rather than wasting everyone's time.

On June 27th, I removed the transmitter from service, connecting the exciter in it's place, allowing an effective radiated power of approximately 3 watts. I then removed the unit to my shop for service.

On June 28th, I called Larry Maier, and eventually received a call back after completing an initial diagnosis of the transmitter. Larry was full of information. He had rebuilt the transmitter "5 or 6 times" due to a number of problems some of which still exist. The first was a workman who removed or possibly, according to Art Thorne, cut the transmission line from the transmitter without turning it off. This will always destroy at least the output transistors in this transmitter. the transmission line should be carefully inspected for any unrepaired damage.

The order of the following incidents is unclear in my mind, but apparently they all happened. First some background. VSWR is a measure of how much power is reflected back to

VSWR can also be affected by metal objects placed near the antenna, or an antenna tuned to the wrong frequency. A VSWR of 1.1/1.0 is good. 1.5/1.0 is the very edge of the acceptable. Anything over that will almost certainly destroy the output section of this transmitter.

A sprinkler was installed in the cupola complete with a water pipe running up parallel with the antenna. Lightning rods were installed on the roof of the cupola. Heavy ground cables run down from them parallel to the antenna. The frequency of the station was changed without changes to the antenna. This occurred after Larry warned the staff that the antenna could not be retuned, and must be replaced. After the sprinkler and lightning rods were installed the VSWR was approximately 1.5/1.0. Art Thorne agreed to temporarily remove the cables from the lightning rods and apparently the VSWR went down somewhat, but the transmitter was still unstable into that load, and apparently had to be rebuilt at least once more. Then the station changed frequency and the VSWR went to over 2.0/1.0. This resulted in at least one rebuild and the current situation.

Larry also told me that pervious rebuilds had required much more than the 3 transistors that Howie had obtained for $300. QEI who built the transmitter, will rebuild and update the transmitter for $525, less than I could do it for when the transistors are figured into the equation. I suggested this course to Howie.

On June 29th, I called QEI to confirm details of the rebuild, and Vermont Telephone, looking for a commercial telephone interface. I returned to transmitter to WRMC and prepared it for shipping. I also inspected the antenna before meeting with you, Howie, Tiffany Sargent and Art Thorne. All of the above was discussed. Art agreed to move the sprinkler to cause less interference to the antenna. I agreed to find out if the grounds from the lightning rods could be bonded to the antenna mounting pipe. Howie agreed to pursue getting Mr. Brady, who requested the move, to pay for a new antenna, as he agreed to do in documents filed with the FCC. Tiffany agreed to secure the station License from whatever department is holding it. Later that day I called Shively antennas about the grounding question and to verify a price and delivery time for a new antenna. The antenna will be $700, FOB Bridgton, ME. Delivery time should be under one week. Their technical director will call me back on Wednesday. I then called Howie to inform him of what I found out.

Today I heard from Howie that he has made contact with Mr. Brady, that he is sending back the transmitter, and he read me the letter that he is sending to the FCC. I suggested some changes in it.

I will be happy to answer any questions pertaining to this work or your station. Please feel free to contact me at any time.

Date	Activity	Hours
06-23-95	Modify EBS equipment, modify telephone for use with Gentner unit	6.75
06-27-95	Remove transmitter for maintenance	0.75
06-28-95	Diagnose transmitter problems, call from Larry Maier	2.00
06-29-95	Call QEI & VT Telephone. Return transmitter, view antenna meet w/ WRMC personnel, Tiffany Sargent & Art Thorne regarding antenna problems. Call Shively antennas & Howie Young	4.50

Total Scheduled Hours	14.00
minus hours covered by retainer	8.00
additional hours @ $40 per hour	6.00

Retainer for June, July, August & September	$1,200.00
Additional Scheduled Labor @ $40 per Hour	$240.00
Total Labor	$1,440.00
Parts	$00.00
Grand Total (this amount due)	$1,440.00

Balance Due Upon Receipt of Invoice

sincerely yours,

Robert Cham

President

cc: Tiffany Sargent

Art Thorne

Memorandum

DATE: July 13, 1995

TO: Tiffany Sargent

FROM: Howie

RE: Meeting with Dean Wyatt

Tiffany,

Just wanted to fill you in on our meeting with Dean Wyatt. As you advised, we did not talk about the possibility of having the College partially fund the station. We sketched out for him the status of our jump to 1000watts. Once he saw that it was not something to be immediately concerned with, he asked that we keep him informed of any new devolpements. He also mentioned meeting with you on devolpements at WRMC.

He did let us know that, in his conversations with Scott Paul, he did not say that the jump to 1000 watts would be a capital expense, as Scott Paul had informed us he had. Not knowing much about the situation, Dean Wyatt could not say if the jump is going to be either a capital or depreciation expense. I think we should assume that this expense is going to be predominately a depreciation expenditure.

On diferent note, I want to appologize for monopolizing your time yesterday morning. I should have known that you would have been busy, and made an appointment. I will be more considerate in the future.

TECHNACLEAR

25% COTTON

Tiffany Sargent

RFS Radio Frequency Systems, Inc.
Cablewave Systems Division

Cablewave Systems
60 Dodge Ave.
North Haven, CT 06473
☎ (203) 239-3311
FAX (203) 239-3796
SALES FAX (203) 234-7718

July 13, 1995

Mr. Robert Cham
R.F. Communications
9D Main Street
Bristol, VT 05443

Subject: FM Antenna ECFM-1 91.7 MHZ

Dear Sir:

Referencing our telephone discussion of July 13, 1995, be advised that we do not recommend changing frequency and retuning your antenna in the field. It is my understanding that your intent is to change from 91.7 MHZ to 91.1 MHZ.

Allow me to detail what is required to change to a lower frequency:

1. The element will have to be extended in length by an additional 6/8 inch which you can not do at both ends.
2. Additionally, you require an impedance bridge to adjust the gamma strap so that it reflects 50 ohms. This can not be done with the use of an expensive impedance bridge and the spectrum analyzer.

We do not recommend tuning in the field. Our antennas are very narrow band and can be extremely difficult to resonate.

May I suggest you consider the purchase of a new ECFM-1.

Sincerely,

William Meola
Consultant

Reasons for Engineer

-The licensee of WRMC, the President and Fellows of Middlebury College, has numerous legal responsibilities to the F.C.C. Fines of up to $\$$ ____

-The college does not currently employ anyone qualified to handle all or most of these responsibilities.

-With almost annual turnover, the WRMC Board of Directors has had difficulty consistently keeping within some F.C.C. guidelines.

-The employment of a qualified broadcast engineer will allow WRMC and the President and Fellows access to a professional who's responsibility is to keep abreast of legal changes and possible trouble that could arise from station and licensee practices.

-With the hiring of Bob Cham last June, WRMC obtained a knowledgeable and steady voice of direction in making station policy decisions. Mr. Cham's direction brought WRMC into compliance with guidelines they were not even aware of.

-Middlebury College has over $140,000 invested in equipment at WRMC.

-Middlebury College does not employ anyone who is qualified to perform regularly scheduled maintenance on much of the above equipment.

-Some of the above equipment (i.e. Reel-to-reel decks, cart machines) have fallen into disrepair because station personal did not posses the training to maintain it.

-Some other equipment has fallen into disrepair without being noticed. These broken pieces have caused WRMC to fall outside certain F.C.C. specifications.

-Again the hiring of Bob Cham brought WRMC within the F.C.C. technical guidelines. However, to operate without an engineer is both illegal and unwise. Additionally, as WRMC has needed to replace the unrepairable equipment, Bob Cham has directed WRMC towards the best deals on equipment that fits our needs.

-The licensee of WRMC, the President and Fellows, does not employ anyone who is capable of keeping a complete working knowledge of WRMC.

-The Director of Student Activities is made aware of the stations workings through students; if a student cannot see a problem, most likely the Student Activities office will not be able to either.

-With numerous other responsibilities, neither Jim Ross nor Tiffany Sargent has the ability to keep up with both the details of running WRMC and the ever-changing F.C.C. codes.

-A broadcast engineer, with regular contact, will be able to recognize common problems of a college radio station and find the easiest, quickest, and least expensive solution.

-Bob Cham, through monthly visits, was able to recognize simple problems to which WRMC management was blind. Solutions were just as simple as the problem, and they were usually accomplished by the student management of WRMC.

Finance Comm. Position

- Definitely necessary
- Guidelines do not pay for coaches
- College-funded because as licensee

RECEIVED
AUG - 8 1995

Memorandum

DATE: August 8, 1995

TO: Art Thorne

FROM: Howie Young, WRMC

RE: Gifford Copula

CC: Jason Mantzoukas, Tiffany Sargent

This is just a quick note to confirm our phone call yesterday and make a couple of corrections to what I told you over the phone. I have, since our conversation, talked with Bob Cham and confirmed the following:

-The lightening arrestor system ground needs to be connected to the outside of the pipe upon which the antenna will be mounted, and should go to an outside ground separate from the electrical system.

-The pipe, if possible, should be a single piece, vertical configuration of the same diameter currently at that location.

-It would be most time saving if Facilities Maintenance could mount the antenna to the pipe before installing the pipe. The antenna needs to be placed on the pipe so that, once in position, it is centered in the opening of the copula with at least 5 feet of pipe above and below; the antenna, mounting equipment, and instructions are in the WRMC offices. Bob will take care of all the electrical connections, aside from the ground. If Facilities Maintenance cannot mount the antenna, please let me know as soon as possible.

-The sprinkler head needs to be lowered to the lowest possible height.

-We will be off the air after August 11. I will be sure to have the transmitter off until the work is complete. Bob will need to be able to make the connections around the end of the month so there will be time to troubleshoot, etc. before going back on air.

Unfortunately, the F.C.C. only allows us to go off air for extended periods of time when school is not in session, which, as we all know, is the time your office is busiest. We very much appreciate all that you are doing, and have done all summer, for WRMC.

AUG - 8 1995

from Jim Ross → Fwd 9/6/95

RP Communications

Robert Cham, President

9D Main Street Bristol, Vermont 05443 802-453-4369

August 15, 1995

mar-apr: #6 in line will take 6-8 mo.

Fred Dunnington
Town Planner
Town of Middlebury
Middlebury, VT 05753

Dear Fred:

Chris Ciolfi of Bell Atlantic has asked us to inform you in writing of WRMC's requirements for tower space on the new tower on Chipman Hill. We need space for both a 2-bay FM broadcast antenna, a station to transmitter link (STL) antenna, and most probably a return link antenna. We assume that such space would be without monthly cost to the college, other than electric power .

The antenna manufacturer informs me that the FM antenna must be separated from other broadcast antennas by at least 20', and all other antennas or other structures by at least 10'. All three antennas must be above current and future treelines. No other antennas or structures can share tower space with the FM antenna. This means that a minimum of 30' of tower space above treeline, free of all other antennas and structures, needs to be reserved for WRMC's FM broadcast antenna. The free space necessary would increase to 40' if either adjacent antenna were another broadcast antenna such as the one belonging to Dynamite Radio.

The STL and return link antennas can share tower space with other antennas not in the same frequency band, mounted on other legs of the tower, provided that they have clear line of site to WRMC's studio site. As an example it would not be a good idea to mount WRMC's STL antenna in close proximity to Dynamite Radio's STL antenna.

As it is unlikely that there is this much tower space available, we have looked in to alternatives for mounting antennas. The first alternative is that if the antennas are designed as a unit, they can be mounted on opposing tower legs in the same vertical aperture. Thus WRMC's antenna would not require any tower space beyond that to be used by Dynamite Radio's three bay antenna. The second alternative is a panel antenna carrying both WRMC and Dynamite Radio. Once again no additional tower space would be required beyond that used by Dynamite Radio, except for STL and return link antennas.

The problem with either of these alternatives is cost. They breakdown as follows:

Separate Antennas

2-bay antenna for WRMC w/ deicers	$6,425.00
3-bay antenna for Dynamite Radio w/ deicers	$8,000.00
thermostat and control unit for deicers	$1,525
Total	$15,950.00

Interleaved Antennas

Above antennas designed together to be mounted in same vertical aperture (includes necessary filters)	$44,950.00

Panel Antenna

panel antenna w/ multiplexer to allow carrying both stations	$100,000.00 (approximate)

All prices are more than two years old, and do not include shipping, tax, transmission line or mounting. New quotes are on the way from the manufacturer. Manufacturers are reluctant to bid on panel antennas unless one is serious about purchasing an antenna, as there is considerable labor involved in working up a quote, due to the custom nature of such installations. The interleaved antennas alternative will require some additional room in the transmitter building for the filters. The panel antenna alternative would require substantial additional space in the transmitter building for the multiplexer.

Should there be room for separate antennas, WRMC would expect to pay only for it's own antenna costs. Should the alternative of interleaved antennas be selected, WRMC would expect to pay only for it's own antenna and one half the associated costs, not for Dynamite Radio's antenna. Even one half the cost of the panel antenna alternative is probably out of the question for WRMC.

Due to the amount of time that has elapsed, WRMC's construction permit has expired. We have petitioned the Federal Communications Commission for reinstatement of that construction permit. We expect that it will be reinstated shortly, but find it unlikely that the commission would listen to any arguments for extending it beyond next July. Given the above we must regard next July as an absolute deadline for completion of this project.

sincerely yours,

Robert Cham

President

cc: James Ross

1. Collect outstanding debt $6,600+

2. FCC approval

3. tower

mtg w/ Dave G., Jim Ross, Howie Young, for 9/6/95

review

Memorandum

DATE: September 4, 1995

TO: Tiffany Sargent, Student Activities

FROM: Howie Young, WRMC

RE: Wednesday's meeting

Tiffany,

Here, to the best of my knowledge, is a complete recount of why and how ProRadio came to owe us so much money.

1989

ProRadio wants to increase the power of WMNM (Oldies92) to 6,000 watts E.R.P. This means WRMC will experience interference if we stay at 91.7FM; ProRadio asks WRMC to find a new frequency. In ProRadio's "Petition for Rule Making" (part of their application to make the power upgrade,) they agree to reimburse WRMC for all expenses related to making the frequency change, as is customary in these matters.

1990

WRMC decides that 91.1FM is a viable frequency for our purposes and agrees to change frequency. This is done with the understanding that ProRadio will pay for the expenses related to this switch and allow WRMC free space on the Chipman Hill tower.

November 28: Middlebury College pays $2,324.50 to Educational FM Assoc. out of account 99-345-03. This is for WRMC's application to change frequency and related material; see attached invoice dated November 15, 1990.

1991

January 16: Middlebury College pays $1,234.00 out of account 99-345-03 to Educational FM Assoc. This amount is for meetings with Mark Brady of ProRadio, work done on finding a new frequency for WRMC and preparation of our document in support of ProRadio's upgrade in power. See attached invoice dated December 28, 1990.

November 14: Matt Hunter, General Manager of WRMC, submits an estimate of $524.50 for replacement of stationary with updated frequency. No addition to the WRMC accounts has been found in this amount for either 1991 or 1992.

WRMC-FM 91.7 MHz DRAWER 29 MIDDLEBURY COLLEGE MIDDLEBURY, VERMONT 05753 (802) 388-6323

1992

March 12: Middlebury College pays R.M.Smith Associates $1,557.29 for the amendment to our application for an Effective Radiated Power level that will allow us to fit on the Chipman Hill tower. This money is from 99-345-03; see attached invoice dated January 31.

1993

The WRMC transmitter once again burns out because of technical problems associated with our change of frequency and structural problems in the Gifford copula. WRMC operates, illegally, until August of 1995 at 3 watts E.R.P.

1995

June: WRMC hires Bob Cham or R.P.Communications as engineer for the station. Through inspections of our transmitter and conversations with the manufacturer of our broadcast antenna and Larry Maier, the last WRMC engineer, Bob concludes that the technical part of our change of frequency was done incorrectly. In short, the work done was simply a change in the output of the transmitter. For the work to have been done properly, our transmitter should have been retuned and a new broadcast antenna (tuned to 91.1FM instead of 91.7) should have been purchased. I, after looking into the matter, find that ProRadio had Bob Smith do the work.

July: Jason Mantzoukas and I decide that we should have ProRadio pay for the correction of the work done in 1991 by Bob Smith for ProRadio. After looking further into the College's dealings with ProRadio, I find that none of the expenses incurred by WRMC's change of frequency were paid for by ProRadio (save the incorrect work done to our transmitter.)

September: Bob Cham will install the new broadcast antenna that WRMC purchased this summer. The antenna cost was approximately $700 and the installation should cost about $250 to $300; thus, the total to correct the work done by Bob Smith for ProRadio will be approximately $1000.

The total amount ProRadio currently owes WRMC is $6,640.29. The reason Jason and I wanted to meet with Mr. Ginevan is to ask for the College's support. We hope that, when shown the facts in a diplomatic way, ProRadio will understand our request and reimburse WRMC as quickly as possible. However, if this does not happen, WRMC does not want to be in the position of not being able to ask again in a more stern voice. We would like to know if the College will be willing to allow an appropriate law firm to step in on our behalf. Additionally, we are asking if the College would be willing to stop doing business with ProRadio; specifically, if the College would not allow WFAD (another of ProRadio's holdings) to broadcast college sporting events.

Sincerely,

Howard S. Young, III
Special Productions Manager

WRMC-FM

WRMC-FM 91.7 MHz DRAWER 29 MIDDLEBURY COLLEGE MIDDLEBURY, VERMONT 05753 (802) 388-6323

EDUCATIONAL FM ASSOCIATES • 19 Bolas Road • Duxbury, Massachusetts 02332
Telephone: (617) 585-9200

NOV 16 1990

INVOICE

To: Middlebury College

Date: November 15, 1990

For: Preparation of power increase and site change application for radio station WRMC.

Charges: Preparation of all required technical material and exhibits to support application. Meeting in Middlebury with Jim Ross, telephone conferences relative to project.

Flat Fee per Quotation:	$2,200.00
Auto Mileage. Duxbury to Middlebury VT and return. 432 miles @ 25 cents/mile.	$108.00
Tolls.	$1.50
Fedex for Shipping Report	$15.00
TOTAL DUE AND PAYABLE	$2,324.50

EDUCATIONAL FM ASSOCIATES • 19 Bolas Road • Duxbury, Massachusetts 02332
Telephone: (617) 585-9200

JAN 0 2 1991

INVOICE

To: Middlebury College

Date: December 28, 1990

For: Engineering work to facilitate settlement of frequency change with Pro Radio, inc.

Labor:	Meeting with Mark Brady on December 10, 1990. 11.0 hours @ $60.00/hr. (Includes travel).	$660.00.
	Determination of power possible for WRMC at Chipman Hill on Channel 216. 2.0 hours.	$120.00.
	Preparation of Comments in MM Docket 90-509. 2.0 hours.	$120.00.
	Total Labor Charges.....	$900.00
Expenses:	Auto Mileage. Duxbury to Middlebury, VT and return: 432 miles @ 25 cents/mile.	$108.00
	Tolls:	$1.50
	Terrain Computer Studies on WGDR at Plainfield, Vermont and WTBC at Williston, VT:	$200.00
	Fedex, Postage, & Telephone:	$24.50
	Total Expenses.....	$334.00
TOTAL NOW DUE AND PAYABLE		$1,234.00

Orig to Cathy Walsh
1-2-91

13:38:20 Ledger Inquiry TUESDAY 8/08/95
Transaction Detail
99 345 WRMC/DEPRECIATION PROF SERVICES Subset by Month:

1=Transaction Origin 2=Expanded Line 3=J/E History 4=J/E Detail

Opt	Trn Date	Mo/Jrn/Typ	Description	Fo	XC	Tail	Amount
	1/16/91	01-1062 10	EDUCATIONAL FM ASSOCIATE	CD	03	000	1,234.00
	11/28/90	12-1003 10	EDUCATIONAL FM ASSOCIATE	CD	03	000	2,324.50

Fiscal: 1991 Total: 3,558.50

F1=Help F3=Exit F7=Services F12=Cancel

R. M. SMITH ASSOCIATES

BROADCAST TECHNICAL CONSULTANTS
8 DEER RUN ROAD WINDHAM, NEW HAMPSHIRE 03087
(603) 894-6968 FAX (603) 894-5546

FEB 06 1992

INVOICE

INVOICE # RMC-01 DATE 1/31/92

DATE	HOURS	SERVICES PERFORMED	AMOUNT
12/17-1/31	8	Smith - Preparation of upgrade application for WRMC	$400.00
12/17-1/31	18.5	Roos - Upgrade application exhibits	$647.50

EXPENSES:

Parts		
Telephone		
Research	$509.79	
Office		
Travel		$509.79

TOTAL THIS INVOICE $1,557.29

PAST DUE FROM PREVIOUS INVOICES

TOTAL DUE UPON RECEIPT $1,557.29

Middlebury College

Middlebury, VT 05753

Attn: Mr. James D. Ross

1-1/2% Service Charge On Amounts
Outstanding Over 30 Days

13:42:07 Ledger Inquiry TUESDAY 8/08/95
Transaction Detail
99 345 WRMC/DEPRECIATION PROF SERVICES Subset by Month:

1=Transaction Origin 2=Expanded Line 3=J/E History 4=J/E Detail

Opt	Trn Date	Mo/Jrn/Typ	Description	Fo	XC	Tail	Amount
	3/12/92	03-1081 10	SMITH R M ASSOCIATES	CD	03	000	1,557.29

Fiscal: 1992 Total: 1,557.29

F1=Help F3=Exit F7=Services F12=Cancel

Memorandum

DATE: November 27, 1995

TO: Jim Ross

FROM: Howie Young, WRMC

RE: ProRadio

CC: Tiffany Sargent, David Ginnevan, Bob Cham

Jim,

Here, to the best of my knowledge, is a complete recount of why and how ProRadio came to owe WRMC a new antenna and other expenses in regards to our frequency move.

1989

ProRadio wants to increase the power of WMNM (Oldies92) to 6,000 watts E.R.P. This means WRMC will experience interference if we stay at 91.7FM; ProRadio asks WRMC to find a new frequency. In ProRadio's "Petition for Rule Making" (part of their application to make the power upgrade,) they agree to reimburse WRMC for all expenses related to making the frequency change, as is customary in these matters.

1990

WRMC decides that 91.1FM is a viable frequency for our purposes and agrees to change frequency. This is done with the understanding that ProRadio will not pay for the expenses related to this switch and, in exchange, allow WRMC free space on the Chipman Hill tower.

November 28: Middlebury College pays $2,324.50 to Educational FM Assoc. out of account 99-345-03. This is for WRMC's application to change frequency and related material; see attached invoice dated November 15, 1990.

1991

January 16: Middlebury College pays $1,234.00 out of account 99-345-03 to Educational FM Assoc. This amount is for meetings with Mark Brady of ProRadio, work done on finding a new frequency for WRMC and preparation of our document in support of ProRadio's upgrade in power. See attached invoice dated December 28, 1990.

November 14: Matt Hunter, General Manager of WRMC, submits an estimate of $524.50 for replacement of stationary with updated frequency. No addition to the WRMC accounts has been found in this amount for either 1991 or 1992.

1992

March 12: Middlebury College pays R.M.Smith Associates $1,557.29 for the amendment to our application for an Effective Radiated Power level that will allow us to fit on the Chipman Hill tower. This money is from 99-345-03; see attached invoice dated January 31.

1993

The WRMC transmitter once again burns out because of technical problems associated with our change of frequency and structural problems in the Gifford copula.

1995

June: WRMC hires Bob Cham or R.P.Communications as engineer for the station. Through inspections of our transmitter and conversations with the manufacturer of our broadcast antenna and Larry Maier, the last WRMC engineer, Bob concludes that the technical part of our change of frequency was done incorrectly. In short, the work done was simply a change in the output of the transmitter. For the work to have been done properly, our transmitter should have been retuned and a new broadcast antenna (tuned to 91.1FM instead of 91.7) should have been purchased. I, after looking into the matter, find that ProRadio had Bob Smith do the work.

July: Jason Mantzoukas and I decide that we should look into haveing ProRadio pay for the correction of the work done in 1991 by Bob Smith for ProRadio. After looking further into the College's dealings with ProRadio, I find that none of the expenses incurred by WRMC's change of frequency were paid for by ProRadio (save the incorrect work done to our transmitter.)

September: Bob Cham installed the new broadcast antenna that WRMC purchased this summer. The antenna cost was approximately $700 and the installation cost is unknown.

The total amount ProRadio currently owes WRMC is $5,640.29 plus the cost of installing the new antenna. Because WRMC never recieved space on the Chipman Hill tower from ProRadio (as per our agreement,) the WRMC Board of Directors feel that this is a reasonable request. Given the record above, ProRadio should be accomodating in this matter. Please let us know how they receive this.

Sincerely,

Howard S. Young, III
Special Productions Manager

EDUCATIONAL FM ASSOCIATES • 19 Bolas Road • Duxbury, Massachusetts 02332
Telephone: (617) 585-9200

NOV 16 1990

INVOICE

To: Middlebury College

Date: November 15, 1990

For: Preparation of power increase and site change application for radio station WRMC.

Charges: Preparation of all required technical material and exhibits to support application. Meeting in Middlebury with Jim Ross, telephone conferences relative to project.

Flat Fee per Quotation:	$2,200.00
Auto Mileage. Duxbury to Middlebury VT and return. 432 miles @ 25 cents/mile.	$108.00
Tolls.	$1.50
Fedex for Shipping Report	$15.00
TOTAL DUE AND PAYABLE	$2,324.50

13:38:20 Ledger Inquiry TUESDAY 8/08/95
Transaction Detail

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	11/28/90	12-1003 10	EDUCATIONAL FM ASSOCIATE	CD	03	000	2,324.50

Fiscal: 1991 Total: 3,558.50

F1=Help F3=Exit F7=Services F12=Cancel

EDUCATIONAL FM ASSOCIATES • 19 Bolas Road • Duxbury, Massachusetts 02332
Telephone: (617) 585-9200

JAN 0 2 1991

INVOICE

To: Middlebury College

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Labor:	Meeting with Mark Brady on December 10, 1990. 11.0 hours @ $60.00/hr. (Includes travel).	$660.00.
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	Preparation of Comments in MM Docket 90-509. 2.0 hours.	$120.00.
	Total Labor Charges.....	$900.00
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	Tolls:	$1.50
	Terrain Computer Studies on WGDR at Plainfield, Vermont and WTBC at Williston, VT:	$200.00
	Fedex, Postage, & Telephone:	$24.50
	Total Expenses.....	$334.00
TOTAL NOW DUE AND PAYABLE		$1,234.00

Orig to Cathy Walsh
1-2-91

RECEIVED
NOV 14 1991

November 14, 1991

Greetings and Salutations!

Here is a list of the items that WRMC needs replaced or altered as a result of our frequency change to 91.1:

1.) Bumpér stickers. We give many of these away to students and community members. They serve as a great, noticeable form of advertising and WRMC's frequency is a necessary part of the design. We will soon order 2500 new stickers incorporating the change at a cost of $490.50, which includes freight charges.

2.) Letterhead. It currently has WRMC incorporated into the design. One new ream is $6.00.

3.) "This Week on WRMC" design. This is a legal-size leaflet distributed throughout town every week during summer and incorporates the frequency into the design. 100 copies are $6.00.

4.) Posters. WRMC has put up 100 posters around campus and town advertising our change. We will soon be placing 100 more in various establishments in the local area to further spread the word through the community because we are still recieving calls from worried people believing we have gone off the air. 200 copies are $12.00.

The grand sum is $524.50 and covers all our needs. Thanks very much for all your help.

Sincerely,

Matthew Hunter
WRMC Station Manager

R. M. SMITH ASSOCIATES

BROADCAST TECHNICAL CONSULTANTS
8 DEER RUN ROAD WINDHAM, NEW HAMPSHIRE 03087
(603) 894-6968 FAX (603) 894-5546

FEB 06 1992

INVOICE

INVOICE # RMC-01 DATE 1/31/92

DATE	HOURS	SERVICES PERFORMED	AMOUNT
12/17-1/31	8	Smith - Preparation of upgrade application for WRMC	$400.00
12/17-1/31	18.5	Roos - Upgrade application exhibits	$647.50

EXPENSES:

Parts		
Telephone		
Research	$509.79	
Office		
Travel		$509.79

TOTAL THIS INVOICE $1,557.29

PAST DUE FROM PREVIOUS INVOICES

TOTAL DUE UPON RECEIPT $1,557.29

Middlebury College

Middlebury, VT 05753

Attn: Mr. James D. Ross

1-1/2% Service Charge On Amounts
Outstanding Over 30 Days

R. M. SMITH ASSOCIATES

BROADCAST TECHNICAL CONSULTANTS

8 LIBBY HUB ROAD · WINDHAM, NEW HAMPSHIRE 03087

(603) 434-0468 · FAX (603) 434-5516

FEB 06 1992

INVOICE

INVOICE # RMC-01 DATE 1/31/92

DATE	HOURS	SERVICES PERFORMED	AMOUNT
12/17-1/31	8	Smith - Preparation of upgrade application for WRMC	$400.00
12/17-1/31	19.5	Boda - Upgrade application exhibits	$447.50

EXPENSES:

Parts		
Telephone		
Research	$709.79	
Office		
Travel		$709.79

TOTAL THIS INVOICE $1,557.29

PAST DUE FROM PREVIOUS INVOICES

TOTAL DUE UPON RECEIPT $1,557.29

[illegible]

Interest ... Charge On Accounts Outstanding Over 30 Days

13:42:07 Ledger Inquiry TUESDAY 8/08/95
Transaction Detail

99 345 WRMC/DEPRECIATION PROF SERVICES Subset by Month:

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	3/12/92	03-1081 10	SMITH R M ASSOCIATES	CD	03	000	1,557.29

Fiscal: 1992 Total: 1,557.29

F1=Help F3=Exit F7=Services F12=Cancel

Radio Frequency
Systems
Cable
Cable/Wire Systems

July 15, 1998

Mr. Robert Chain
R.F. Communications
80 Main Street
Bristol, VT 05443

Subject: TM Ant - 7A EXTN-1 91.7 MHz

Dear Bob,

Referencing our telephone discussion of July 13, 1998, be advised that we do not recommend changing frequency and returning your antenna in the field. It is my understanding that your intent is to change from 91.7 MHz to 91.1 MHz.

Allow me to detail what is required to change to lower frequency:

1. The element will have to be extended to lengthen by an additional 1/8 inch section. You can not do at both ends.
2. Additionally, your requires an impedance bridge to adjust the gamma strap to that is reflects 50 ohms. This can not be done w/ the use of an expensive impedance bridge and the spectrum analyzer.

We do not recommend tuning in the field. Our antennas are very narrow band and can be extremely difficult to maneuver.

May I suggest you consider the purchase of a new ECXTN-1.

Sincerely,

Will [illegible]
Consultant

Radio Frequency Systems, Inc.
Cablewave Systems Division

Cablewave Systems
60 Dodge Ave.
North Haven, CT 06473
☎ (203) 239-3311
FAX (203) 239-3796
SALES FAX (203) 234-7718

July 13, 1995

Mr. Robert Cham
R.F. Communications
9D Main Street
Bristol, VT 05443

Subject: FM Antenna ECFM-1 91.7 MHZ

Dear Sir:

Referencing our telephone discussion of July 13, 1995, be advised that we do not recommend changing frequency and retuning your antenna in the field. It is my understanding that your intent is to change from 91.7 MHZ to 91.1 MHZ.

Allow me to detail what is required to change to a lower frequency:

1. The element will have to be extended in length by an additional 6/8 inch which you can not do at both ends.
2. Additionally, you require an impedance bridge to adjust the gamma strap so that it reflects 50 ohms. This can not be done with the use of an expensive impedance bridge and the spectrum analyzer.

We do not recommend tuning in the field. Our antennas are very narrow band and can be extremely difficult to resonate.

May I suggest you consider the purchase of a new ECFM-1.

Sincerely,

William Meola
Consultant

ISO 9001
Certificate No. 2538

MEMORANDUM

DATE: February 6, 1996

TO: Jim Ross and David Ginevan

FROM: Howard Young, WRMC

RE: Meeting of January 25th

CC: Tiffany Sargent ✓

Gentlemen,

After my meeting with Jim, Tiffany, Bob Cham, Gary Savoie, and Jason Mantzoukas, I've had some thoughts that I shared with Tiffany, and I would like to share with you. I'm working from the assumption that the allocation/interference studies of the Snake Mountain site conclude that Snake is indeed a viable site for the college to pursue; as of today the final word from Gary has not come, but he was fairly sure that the project would work.

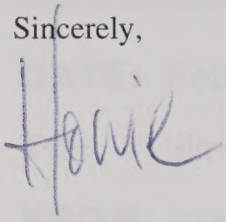
While I continue to agree that the college should pursue both the Chipman and Snake sites, it seems that the Snake site should be a winning situation for all involved parties. With WRMC off the Chipman tower, the other interests in that project would have an easier, and less expensive, task ahead of them from both an engineering and business perspective. Similarly, the college would have a less expensive and easier job in the Snake mountain tower. Finally, WRMC would have better coverage of Addison county on the Snake tower than on the Chipman tower; this improved coverage would serve to increase the possibility of underwriting at WRMC and lessen the station's financial burden on the college.

On another note, there have been some rumblings about the relationship between Gary Savoie and Bob Cham; some people have privately expressed concern that there could be at least the appearance of a conflict of interest if Bob were to handle the college's application for a construction permit on Snake Mountain. While I have complete faith in Bob's intention to represent the college's interests, I agree that on the surface this may not appear to be the case. In anticipation of these concerns, I have contacted another engineer to see if he would be available to fill out our application. Ed Perry, an engineer who did some consulting work for Jim in 1989, has said he would most likely be able and willing to help us on this project; Ed is an accomplished and knowledgeable engineer who has owned WATD in Duxbury, MA since 1978. Another engineer who may be able to fill out our application is Bob Smith of R.M.Smith and Associates. While Bob is certainly one of the better known and accomplished engineers in New England, his popularity keeps him busy; this could translate into a less timely completion of his work. There are certainly more engineers in New England who are capable of doing this application. My suggestion is that a discussion of the pros and cons of having Bob Cham do the work be undertaken before considering others.

I would like to thank you both for your continued persistence in this matter. After being with the station for only a few years, I have become extremely frustrated at times with the speed at which we must move. However, the closer this project comes to completion, the more I anticipate what it will mean to the station. With a new tower and transmitter, the

college should have a station that will be able to add to the life of the college, entertain and educate all of Addison county, and become partially self-supporting.

Sincerely,



Memorandum

RECEIVED
FEB - 8 1996

DATE: February 7, 1996

TO: Hugh Marlow

FROM: Howard Young, WRMC

RE: Possible WRMC alumni meeting

CC: Tiffany Sargent

Hugh,

You may remember a brief conversation that we had last November about a WRMC alumni meeting. I've been thinking the idea over and have spoken with a few alumnae about the idea. It has received support from those with whom I spoke, and I would like to talk with you more. To get the ball rolling, I've enclosed a very rough draft of a letter to send to the alumnae. If we decide to do this during Reunion weekend, as you suggested was possible, we can send the letters by the end of February and still give folks three months to plan. If you would like to discuss this idea further, please give me a call at the station x6324 or leave me a message at x4405. My spring schedule is fairly open except Tuesday and Thursday mornings and early afternoons. Thank you for your help.

Sincerely,

Howie

February 8, 1996

Dear WRMC Alumnae,

As the Middlebury College Radio Service nears its fiftieth anniversary, we need your advice. In the past few years, WRMC has found it more and more difficult to gather the money needed to run and maintain a quality radio station. As the station moves closer to a power upgrade of 1300 watts, many different revenue generating opportunities are appearing. Underwriting and membership drives are just two examples. The problem of the current Board of Directors is that we are unable to pursue all avenues and unsure of which few to try. Whatever choices are made will affect our programming, DJ's, and possibly our entire mission as a college alternative station.

This dilemma is why the current Board of Directors is asking that you bring your experience back to Middlebury to discuss what lies ahead for WRMC. We plan to gather for a day of touring the station, meeting some of the current directors, seeing old friends, making new ones, and finding a plan of action to take the station into its second fifty years. The meeting will occur during Reunion weekend (DATE?), so many of you will already be in the area. Those who will not be in Middlebury for a reunion also encouraged to attend. Please send you responses to the address below. If you are unable to attend you may send comments and suggestions to our mailing address, e-mail us at "wrmc@middlebury.edu", or visit our web page at "http://middlebury.edu/~wrmc/".

Gratefully,

Howard S. Young III
General Manager, WRMC

Copies sent to:
Dave Gilevan
Jim Ross
Don Wyatt
03/19/96
two

Memorandum

DATE: February 19, 1996

TO: Tiffany Sargent, Director Student Activities ✓

FROM: Howie Young, WRMC

RE: Our meeting of February 14, 1996

CC: Scott Paul, SGA Treasurer

Tiffany,

I am writing to explain why the WRMC Board of Directors has come to believe that our engineer needs to be paid for from college, and not student activity, funds. Obviously, the need for an engineer must be established first. The President and Fellows of Middlebury College has held a radio station license for almost fifty years now. One of the responsibilities of holding this license is to follow F.C.C. rules and regulations. Throughout the history of the Middlebury College Radio Service, knowledge and enforcement of these rules and regulations has varied. For the most part a professional broadcast engineer has been employed to give some consistency to the station's policies in these matters; unfortunately, since 1990, no one has been available to the station management to serve this role. With a high turnover rate for station management, there has been a series of uniformed students running the station in the past few years; unknowing violations in my time of three years with the station has put the President and Fellows in the position of facing fines well over $100,000.

While the college does not employ anyone who has the time or knowledge to keep abreast of all F.C.C. rule changes, neither does the college employ anyone with the expertise to maintain much of the over $140,000 in equipment at WRMC. The WRMC student engineers have done much to keep our equipment running; however, there are many machines that are too complicated for a student to be expected to maintain, or even understand. For example, the transmitter in Gifford burned out in the fall of 1993, giving WRMC an output of 3 watts. The F.C.C. gives daily fines to stations that operate below licensed power, which we were by 97 watts. No one at the college or student activities office knew of this situation until Bob Cham showed up in the summer of 1995.

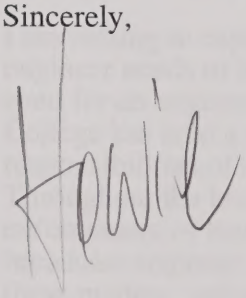
With the hiring of Bob Cham of RP Communications, WRMC saw improvements in all aspects of station operations. Bob quickly brought the station to within F.C.C. rules and regulations, some of which we were not even aware. WRMC also received coaching on proper radio presentation and programming techniques, as well as ideas on how to raise money. Additionally, Bob has fixed equipment that we thought needed replacement and suggested cost-effective items to replace equipment that was beyond repair. For example, Bob suggested a Beyer ribbon microphone to replace a $650 microphone that was beyond repair; the Beyer mic cost $285 and sounds better.

Through all the changes at WRMC in the past eight months and the departure of Bob Cham for Pacifica Radio in Houston, the Finance Committee has re-thought their relationship with WRMC and specifically our engineer. As you and I discussed with Scott Paul in our meeting, they have come to conclusion that the Finance Committee is not responsible for

funding the WRMC engineer. The reasoning being that the majority of the engineer's role is to maintain and keep safe college facilities, as well as keep the licensee of WRMC (the President and Fellows) within F.C.C. rules and regulations. The engineer's secondary role is that of coach for the students, not unlike that of the rugby and crew teams; Finance Committee has clearly stated that they will not pay for coaches (Finance Committee Guidelines, page 4, part H.)

WRMC is now at a crossroads of major importance. As we sit on the verge of going to 1000 watts, there are numerous opportunities for fund raising and a valuable opportunity for the college to entertain and inform all of Addison county through WRMC. Even a month without an engineer could push plans back by many months and make keeping up with the Communications Act of 1996 difficult (the bill was passed at the beginning of this month and could mean major changes for WRMC.) I appreciate your assistance in WRMC's search for funding for this position. I hope we can meet with Don Wyatt and/or David Ginevan to speak about this issue soon.

Sincerely,



Student Activities

McCullough Student Center...Middlebury College...Middlebury, VT 05753-6161...(802)388-3711 x3103
FAX(802)388-3711 x4910...E MAIL: tsargent@middlebury.edu

To: Jim Ross
David Ginevan

cc: Don Wyatt

From: Tiffany Nourse Sargent ✓

Date: 11 March 1996

Re: **WRMC and WFAD**

Just wanted to raise the issue again to learn where we are at re. the $6,000+ that Mark Brady had owed WRMC and whether or not our radio station can do anything further to recoup their losses.

This is tangentially related to an issue around WFAD's coverage of our College sports events. More specifically, our students experienced the loss of over $6,000 from an unpaid settlement while WFAD continues to make money off their coverage of our events. For example, I understand that WFAD will earn approximately $2,000-$3,000 from advertising aired during their coverage of our hockey games this upcoming weekend. It does not seem fair to our student leadership that the College continues to allow WFAD to make money off coverage of our events, especially now that they are faithfully covering such events and can reach almost all of Addison County as well (sometimes even parts of Chittenden and Rutland counties, too).

Part of the complexity of this issue is that WRMC is seeking permission to underwrite their sports coverage of our athletic events in order to better fund some of their initiatives. Howie Young and I have a meeting with Phil Yauch this Wednesday. To this end, WRMC would like to be the primary carrier of Middlebury College athletic events. (This does not mean that WFAD or other radio stations could not also cover the same events but that we seek to include our in-house options first.)

We discussed the issue of the money WFAD owed WRMC last September. It would be helpful if I could hear feedback regarding the follow up so that I can best know how to advise our student leadership.

Please let me know if you have any concerns about any of this.

Thank you.

Student Activities

McCullough Student Center...Middlebury College...Middlebury, VT 05753-6161...(802)388-3711 x3103
FAX(802)388-3711 x4910...E MAIL: tsargent@middlebury.edu

To: Dave Ginevan

cc: Jim Ross
Don Wyatt

From: Tiffany Sargent

Date: 11 March 1996

Re: **Engineer for WRMC**

On Thursday, March 7 Howie Young and I met with Don Wyatt to discuss the need for an engineer for WRMC. Don felt that it was a business decision and should therefore be pursued further with you. We are wondering if the College is willing to cover the costs incurred by hiring an engineer to help maintain WRMC equipment and ensure that the station complies with FCC regulations. It is estimated that these costs would run approximately $4,500-$5,000 for a twelve month period.

The President and Fellows of Middlebury College hold the license for WRMC. It is my understanding through the research that Howie Young has done that WRMC has for years and years had a contracted engineer to help maintain the radio station and ensure compliance with FCC regulations.

During the time of the transition between Jackie Flickinger to Cathy Walsh, the engineer at that time, Larry Maier, became less and less available and finally retired. There followed a period when no new engineer was contracted.

Last summer, out of dire necessity because the station was in flagrant violation of FCC regulations, we hired a new engineer. I can't recall exactly how this evolved, but we somehow gained the help of Art Thorne in that process. This was particularly beneficial given our lack of experience and knowledge regarding contracting out and hiring someone with this type of expertise. We also could not reach the Chair of Finance Committee at the time so made the executive decision to take money out of the depreciation account to cover the costs incurred. At the time, we discovered that the College was at risk of potentially hundreds of thousands of dollars in fines.

WRMC is now in compliance with FCC regulations and functioning much better as a station. A number, though not all, of the concerns have been addressed. Unfortunately, however, we just lost the engineer we had hired as he took a job in Houston, TX (this was Bob Cham). We need to hire a new engineer as there are ongoing repairs that are required and this year many of the FCC regulations are changing so we must have access to someone "in the know." (No one in Student Activities, nor on staff elsewhere in the College, I believe, has the kind of expertise that is required keep abreast of all the FCC changes and technical needs.)

The request is not excessive. We need someone to come to the station one day per month to perform routine maintenance, review logs, and so on. Given that we are still in the process of "cleaning house," we continue to project one year further of higher than normal need (i.e., labor above the contracted eight hours/month). Our previous contract/retainer cost $300/month and there was an additional labor charge of $40/hour for work on top of that eight hours/month. Our guess is that costs may increase slightly when we go out to bid again.

The station manager went before Finance Committee to petition for the funds to cover the cost of an engineer. The Finance Committee deemed that such an appointment was on par with the hiring of a staff person or coach and therefore refused to fund the expenditure. (This is not within their guidelines.) As noted above, since the President and Fellows of Middlebury College hold the license, the College is liable for potentially significant fines if we do not maintain the station properly.

With Finance Committee's refusal, we sought out counsel from Don Wyatt. Given the business nature of this decision, we are now seeking your advice. Is the College willing to cover the costs incurred by hiring an engineer for WRMC? Or, can you think of any alternatives that might be available to us?

The year 1999 will bring WRMC's fiftieth anniversary! Since I have been serving as the Director of Student Activities I have observed first-hand the commitment and dedication of the student leadership within the radio station. It sounds like now, more than ever before, we have an opportunity to have a first-rate radio station that may even be able to help cover the costs incurred for this engineer expense or for other station initiatives if underwriting is allowed. (Howie Young and I are meeting with Phil Yauch this Wednesday as mentioned before.)

I hope we can find a solution that will help WRMC continue its tradition in a manner that protects the President and Fellows of Middlebury College while also providing a unique learning experience for the approximately 150-225 student volunteers who staff the station annually.

Thank you for taking the time to read through all this and for your guidance in helping us seek a solution. Please let me know if you need any further information.

March 11, 1996

Mr. Howard S. Young, III
General Manager, WRMC
Drawer 29
Middlebury College
Middlebury, VT
05753

Mr. Angelo Lynn
Editor, Addison County Independent
4 Maple St.
Middlebury, VT
05753

Dear Mr. Lynn,

I wanted to put today's telephone conversation down on paper for both of us to have a reference for future conversations. As per our agreement, WRMC will receive a 6.5 inch wide by 10 inch tall advertisement in the Thursday, March 14th edition of the *Independent*. In exchange, WRMC will make underwriting announcements during the Middlebury Men's Hockey contests this weekend. These announcements will occur before the game and after the 1st, 2nd, and 3rd periods of the contest; if the game or games go into overtime, an additional announcement will be made at the end of the game. The announcement will read as follows:

> "Today's broadcast of the Middlebury College Men's Hockey game is/was made possible in part by the Addison County Independent, a twice-weekly newspaper serving Addison County."

If, for any reason, WRMC does not broadcast the game, WRMC will reimburse the *Independent* for the normal cost of an advertisement of this size. My understanding is that for a non-commercial group to purchase advertising space the cost is $5.50 per column inch. At 3 columns by 10 inches, or 30 column inches, this cost would be $165.00.

Gratefully,

Howard S. Young, III
General Manager, WRMC

Charlotte Chase
for Middlebury College

cc: Tiffany Sargent, Director of Student Activities

sent 3/11/96

Sargent, Tiffany

From: Nadeau Brad
To: TSARGENT
Subject: HOCKEY INFO.
Date: Monday, March 11, 1996 4:06PM

The Middlebury College men's ice hockey team has advanced to the NCAA semifinals for the second consecutive year. The Panthers will take on Wisconsin-Superior at 4:00 p.m. ET on Friday. The host school, Wisconsin-River Falls (located 45 min. east of Minneapolis), will play Rochester Institute of Technology at 8:00 p.m. ET in the other semifinal on Friday night. Game times are the same on Saturday, with the championship game following the consolation game.

Both Middlebury College games can be heard on AM-1490 WFAD, and FM-91.1 WRMC. Tickets can be charged by credit card by calling (715) 425-3900, beginning Wednesday from 10:00 to 4:00 ET. Ticket prices are $12/day or $20 for the tournament.

Memorandum

DATE: March 13, 1996

TO: Don Wyatt

FROM: Howie Young, WRMC

RE: Our phone conversation from this morning

CC: Tiffany Sargent, Charlotte Chase

Mr. Wyatt,

I just wanted to drop a short note for both of us to have a record of our telephone conversation this morning. As you will remember, you gave me the green light to go ahead and temporarily pay for a professional engineer out of the WRMC depreciation account (99-345.) The first visit will be on Monday the 18th of March; Gary Savoie, the engineer recommended by Bob Cham, will be coming for an 8 hour day.

I will be sure to let you know when Tiffany and I find a more appropriate source of funding for this position.

Gratefully

Howie

Howie Young

Memorandum

DATE: March 18, 1996

TO: Brad Nadeau, Sports Information

FROM: WRMC Sports Staff

RE: Coverage of Panther sports

CC: Tom Lawson; Don Wyatt; Tiffany Sargent

Brad,

Now that the storm of activity surrounding last weekend's hockey games is over, we would like to begin a dialogue to discuss the protocol regarding the broadcast of Panther sports. We appreciate your efforts to secure a simulcast with WFAD; it benefited both the college and Addison county communities. Predictably, we were surprised and upset that WRMC was not consulted about the broadcast of this past weekend's hockey games before WFAD was given the one spot in the River Falls press box for Middlebury College. After a season of doing as many hockey games as was possible, we assumed that WRMC would have been informed that another station had shown interest in broadcasting the Men's Hockey Final Four and given an opportunity to find personnel and funding for the broadcast before WFAD was assured the one spot available.

This assumption, to us, did not seem out of order; WRMC has made an overt and concrete commitment to Middlebury College sports. The first of these actions was to expand WRMC's engineering capabilities to allow remote broadcasts; this came after WRMC returned to our legal power of 100 watts this summer, expanding our broadcast range to parts of Chittendon county and just north of Rutland. The next step was to form a sports team of our own, containing the names below as well as a few freshmen and sophomores whom we are preparing to continue WRMC's coverage; included here is the time consuming task of balancing preparation for games with our studies. From this point, as you know, we began covering as many games as was possible, including Football, Men's and Women's Hockey, and Women's Basketball (including the Salem State game at the personal expense of members of the station.)

Additionally, WRMC has made many unseen moves to bring about this commitment to Panther Sports. WRMC has shifted parts of its programming schedule to place our more popular shows directly in front of sports coverage. The station and the college has renewed it push to get WRMC broadcasting at 1300 watts; as of today, this jump should happen by the end of the year. The upgrade in wattage, among other things, will allow WRMC to bring Panther sports to much of Burlington, parts of Rutland, and all of Addison county. With the new phone system arriving this summer, WRMC will have the ability to use ISDN lines for our remote broadcasts; this will mean CD quality sound for all games at home and most away games that we broadcast. Howard Young and Noah Bruce, our business director, will be discussing funding for away games with the Finance Committee later this spring. Our newest efforts are negotiations with a company that will put a full-time, live feed of WRMC on the World Wide Web; this will allow anyone with a computer, from prospective student-athletes to parents to alumni, to hear WRMC's coverage of Middlebury sports from anywhere in the world.

On the other hand, sports coverage has done a great deal for the more than 150 students who make up WRMC. First, we have new service with which to fulfill our mission of entertaining and informing the public as a community radio station. WRMC now has a new type of listener who knows where to find us on their dial. Finally, we now have another hook with which we may attract underwriters and help the Student Activities budget refill the whole that WRMC makes; a hole that has recently been as large as $38,000.

We understand your need to get the word about Middlebury sports out to as many people as possible, and we feel that WRMC is the best way to accomplish this. Now that the scope of WRMC's commitment to Panther sports is clear, it should come as no surprise that we are asking that this commitment be reciprocated. If you indeed choose to make a commitment to WRMC, we would like to discuss the extent and form as soon as possible.

Sincerely,

Howard S. Young, III
General Manager

William B. Clark
News Director/ Basketball Analyst

Kevin D. Peckham
Engineering Director

Ian R Brand
Special Production/Sports Manger

Joshua A. Walker
Football Analyst/Producer

John F. Maycock
Hockey Analyst

Edward H. Greene
Sports-Talk Host

RECEIVED
MAR 28 1996

MIDDLEBURY COLLEGE

Office of the Treasurer

TO: Howie Young, Tiffany Sargent, Jim Ross, Scott Paul, Don Wyatt

FROM: David W. Ginevan

DATE: March 26, 1996

SUBJECT: WRMC

I'm writing this note, having had the opportunity of reading Howie's memo to Tiffany Sargent, copied to Scott Paul, concerning the engineer for WRMC. I think I understand the gist of it and I agree that the continuation of competent engineering service is something the station needs. I think the analogy of how the engineer might compare with coaches the College might employ for some sports teams breaks down. This is really a matter for WRMC and the SGA Finance Committee. Maybe I do not fully understand.

TJS: MS mail to Dwg no response to the Brady issue

d:\WRMC.DOC

Dave –
FYI.
-tws
cc: Jim Ross
Don Wyatt

Memorandum

DATE: February 19, 1996

TO: Tiffany Sargent, Director Student Activities ✓

FROM: Howie Young, WRMC

RE: Our meeting of February 14, 1996

CC: Scott Paul, SGA Treasurer

Tiffany,

I am writing to explain why the WRMC Board of Directors has come to believe that our engineer needs to be paid for from college, and not student activity, funds. Obviously, the need for an engineer must be established first. The President and Fellows of Middlebury College has held a radio station license for almost fifty years now. One of the responsibilities of holding this license is to follow F.C.C. rules and regulations. Throughout the history of the Middlebury College Radio Service, knowledge and enforcement of these rules and regulations has varied. For the most part a professional broadcast engineer has been employed to give some consistency to the station's policies in these matters; unfortunately, since 1990, no one has been available to the station management to serve this role. With a high turnover rate for station management, there has been a series of uniformed students running the station in the past few years; unknowing violations in my time of three years with the station has put the President and Fellows in the position of facing fines well over $100,000.

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funding the WRMC engineer. The reasoning being that the majority of the engineer's role is to maintain and keep safe college facilities, as well as keep the licensee of WRMC (the President and Fellows) within F.C.C. rules and regulations. The engineer's secondary role is that of coach for the students, not unlike that of the rugby and crew teams; Finance Committee has clearly stated that they will not pay for coaches (Finance Committee Guidelines, page 4, part H.)

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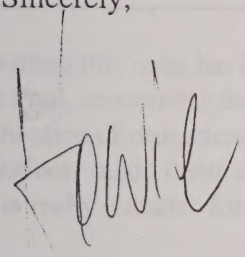
Sincerely,



3/12/96

Howie / Jim / Phil

WRMC: Underwriting

Phil a) IRS income tax
b) sales tax

student org. + volunteers — exempt from tax

Capital Campaign — overlap
Will Melton to coordinate
contact locally
Alumni Magazine just started this

Ctr. for the Arts — underwrite the tickets

OK even tho the Pres. + Fellows hold the license
"for educ'l process"

keep posted generally
no specific forms needed
show Phil draft of proposed receipt → for paid advertising

gray area : advertisement vs.
gift that's tax deductible

Memorandum

DATE: May 1, 1996

TO: Peggy Fischel, Telephone Services

FROM: Howie Young, WRMC

RE: New Phone System

CC: Gary Savoie, Mirkwod Engineering
Tiffany Sargent, Student Activities

Peggy,

I wanted to drop a quick line requesting that we set up a meeting, with our engineer, to discuss the new phone system. I'm not sure how far along your department is on the decision making or installation processes, but there are many questions that the WRMC Board of Directors needs to ask in hopes of using this change to improve our phone system. As it stands now, the phone system has presented many time consuming and expensive problems to the running of a radio station.

I'll give you a run down of how we use the phones at WRMC, as it may not be clear how important phones are to a radio station. As a non-commercial radio station, we receive approximately 300 CD's a month. The companies who send these releases will then call our music managers to see if we are playing their recordings (appx. 175 to 200 calls a month); if they cannot find out if we are playing them, they will no longer send them. Needless to say, the college cannot afford to give WRMC money enough to purchase these CD's. Our listeners also use the phones to give us feedback on programming, music selection, for call-in shows and contests, and to make requests. Finally, and most problematic with the current system, is our use of phone lines to broadcast from remote sites. Included here are all of our sports programs, such as football and ice hockey games. Ideally, WRMC would have access to 10 to 12 separate phone lines (2 office, 4 to 6 studio, 1 fax, and 3 or 4 remote broadcast lines.) Our biggest concerns are how many lines are available to us, what type of system will these lines be coming through, and what equipment should we plan to purchase to replace the current phones. If you could answer our engineer's specific questions regarding the first two concerns, then he will be able to recommend items for WRMC to purchase.

Our engineer works out of Lebanon, NH and needs a fair amount of advanced warning to plan the two hour trip. I am hoping to bring him back to Middlebury sometime between graduation (May 26th) and the beginning of the summer session (June 7th.) When you get back from your training session, I would appreciate a call or letter letting me know which dates and times will work for you.

Sincerely,

Howie Young

FYI

Memorandum

DATE: May 21, 1996

TO: Tiffany Sargent

FROM: Howie Young, WRMC

RE: Depreciation Purchases

CC: Charlotte Chase, Gary Savoie

Tiffany,

As I have mentioned a couple of times this spring, Gary Savoie and I have been talking of replacing a few large items in the WRMC inventory. These purchases will be expensive, but they should save WRMC money in the long run as well as improving the facilities for our student DJ's and listeners. Below is an itemized list of some of the items that need to be replaced as well as some of the items that Gary and I recommend for purchase. Please note that some of the specifics of which models to use for replacement have not been decided upon.

-Amphex 250 Aural Exciter, Amphex Compellor audio compressor/leveler, and Inovonics David to replace Orban 8100 Optimod: The optimod performs the important task of processing our audio signal before sending the signal to the transmitter. The optimod takes the left and right channels, compiles them into one, and overlays two other supersonic frequencies which give our signal its stero quality (legally required for FM stations by the FCC.) Our current unit (purchased before 1980) has devolped a high-pitched whistle. Gary traced the problem, with the help of the manufacturer, to a series of integrated circuits, most of which are no longer made. A new Orban 8100 would cost over $6000. Gary has suggested the two items above to give WRMC the same flexibility as the Orban while saving over $1000. The items above will do well with WRMC's eclectic progamming which is problematic for many processors.(Gary is allowing us to try out the Compellor when and if we install the other equipement. If the sounds is to our liking, and we fell it should be there, we may purchase the unit at that time.)

-CartReady and reel replacement software and IBM compatiable computer with associated hardware to replace our four reel-to-reel tape decks: All four of WRMC's reel decks have aged beyond salvation. Gary has suggested a computer system, along with one used reel deck, to replace the four units. The computer will perform the same functions as the reel decks

without the associated costs of maintenance and tape supplies. The extra reel deck will allow WRMC to continue to use the large reel library that contains NPR programming as well as recordings of important college events, such as College Presidential innagurations. The computer system will also allow our 5 cart machines to be replaced at about half the cost. The cart machine replacement should occur within the year.

-Telos or Gentner Phone System: With the installation of a new phone system this summer on campus, WRMC will need to replace and update our current equipement to maintain compability with the college's system. Gary Savoie and I will meet with Peggy Fischel to discuss what this switch will mean for WRMC on June 4th. While the college supplies the connections and phone, there are certain pieces, purchased by WRMC, which are necessary for us to use the phones on-air and for sports programming. The new system will allow DJ's to place callers on the air with greater ease and audio quality. Additionally, our live sports coverage will have better quality and reliability with the new system; thereby, allowing station management to have an easier time raising underwriting support.

I realize that all these replacements may seem sudden and too big; please be assured that Gary and I have been talking about these replacements for some time, and we are still discussing some of the details of certain options. We all know the neglect that WRMC suffered on an engineering level for some time and unfortunately we are playing catch-up again this summer. My hope is that WRMC will be able to improve its sound quality more this summer than last, and with the above replacements, this is a reasonable goal.

Sincerely,

Howie

Tiffany,

Attached is a P.O. for the first part above (minus the "Compellor" as per description). These units need to be installed by Gary. His next visit is June 4th. Could you please help me in getting the processed and received by then?

The rest of the memo is as much a plan for summer purchases as a request for Purchase Orders.

-Howie

From: Tiffany Sargent
To: MSMail.MAC.Ginevan Dave
Subject: WRMC

Thanks for your recent response to Howie's memo re. an engineer for WRMC. A few questions arise in follow up to your response and to some other issues related to WRMC:

1. ENGINEER:
Finance Committee (FC) has refused to pay for the engineer because they do not pay for coaches salaries. FC thinks that there are three major reasons why an engineer should be hired and that these reasons are somewhat akin to the role of a coach:
a. to teach the students how to operate the station
b. to fix any equipment in disrepair and help handle problems that come up
c. to protect the College as licensee by ensuring that the license is maintained in good stance (i.e., we stay legal w/in FCC guidelines)

We can certainly go back and tell FC that the College does not see it as its responsibility to maintain an engineer (at least that's how I interpret your comment about a breakdown in logic). I know that Howie Young will request that you and I meet with him to further discuss this position and seek out more details that go behind this decision. Is there anything you want me to relay to him without taking the time for a meeting?

2. WRMC SPORTS
Is there any benefit to allowing WRMC exclusive coverage of College sports? Howie is very interested in pursuing this. He would especially like this to happen if we do nothing about the money that Mr. Brady owed WRMC. Do you have any advice for me as to how I should advise Howie?

3. UNDERWRITING
This is just "fyi" but please do let me know if you have any concerns. Howie and I met w/ Phil Yauch about the possibility of WRMC underwriting programming and pursue that as a money maker for the station. Phil said that since it is a student organization they would be free of tax liability so this wouldn't be a problem. Phil did suggest that we meet w/ Will Melton in case Will had any concerns from a fund raising perspective, especially with local merchants. Howie is setting this up. I just wanted you to be aware of this in case you had any particular concerns about this. (Hopefully, these funds could cover the costs of an engineer.)

4. WRMC on the WEB
Just to let you know how BIG these students are thinking, they have an opportunity to broadcast live over the WEB. That would mean alumni anywhere in the world could hear sports coverage, etc., if this goes through!!!

Tiffany

CC: MSMail.MAC.Wyatt Don

Memorandum

DATE: June 5, 1996

TO: Peggy Fischel, Telephone Services

FROM: Howard Young, WRMC

RE: Yesterday's Meeting

CC: Tiffany Sargent, Student Activities ✓
Gary Savoie, Mirkwood Engineering

Peggy,

I wanted to thank you again for arranging the meeting with the Ericson folks yesterday; I am very grateful and happy that you are taking the time to help us make the transition with the new phone system. As you requested, I have gone through the current extensions that WRMC has and thought about how to economize them, while keeping an eye on where the station is going in the next few years. Here are the extensions currently assigned to WRMC: 6323, 6324, 5108, 5638, and 388-6323 (I told you yesterday that 4910 was one of the extensions, it is actually 5108.) After the meeting yesterday, I sat down and came up with this plan for the extensions for WRMC:

3 multi-line phones with x6323 coming up six times (to replace the three Comdial units now at the station)
x6324 for the office line
x5108 for the our fax/modem
x5638 and three new extensions for remote broadcasts and a future installation of equipment that will allow Gary to call into our transmitter for maintenance purposes (these lines will be used individually, they should be analog)
drop the Nynex line (Will this cause us to loose our listing in the Yellow Pages? Is there any way around this?)

I realize that the new lines may cost the station for installation. I just checked the punch blocks where I believe that the WRMC phone connections come from; it is a mess, but there appears to be some room on it. I hope that installation costs aren't prohibitive, but we may jump off that cliff when we come to it. If any of the above presents a problem for you, please let me know.

Gratefully,

Howie Young

Wed 06/26/96

not sent

will deal 2pm

job descriptions

goals

expectations

Memorandum

DATE: June 21, 1996

TO: John McCardell, President of the College

FROM: Howie Young, WRMC General Manager

RE: WRMC Constitution

CC: Tiffany Sargent, Director of Student Activities

President McCardell,

One of the projects that I plan on undertaking this summer will be a reworking of the Middlebury College Radio Service constitution. The last time this was done was in 1986. Attached you will find a copy of the last section of our constitution, which deals with the "College Standards for the MCRS."

I know of no community or college radio station that operates without an advisory board, and I was not surprised to find that WRMC has a provisions for such a committee. I am surprised that this Advisory Committee has not been used recently. The insight and advice that could potentially come from such a group would help the WRMC management to fine tune the stations efforts towards relations with our listeners, who are found from Charlotte to Pittsford.

The committee is also the most direct link between the body who holds the station license and the station management. The license is in the name of "the President and Fellows of Middlebury College," and this is the group that the F.C.C. ultimately holds responsible for all aspects of the station. Considering the current absence of the advisory committee and its beneficial role, it seems that an evaluation of Article XII of our constitution is in order.

You will note that Section E stipulates that this article may not be changed without your permission. I am writing to ask for both your permission and assistance as I tackle this job in the next two months. I hope to have this section evaluated and re-written, if necessary, by the end of August. I would appreciate any suggestions you may have and would be happy to sit down and discuss any ideas with you. I may be reached at WRMC (x6324) from 8 to 4 on any weekday or at "hyoung@panther.middlebury.edu."

Sincerely,

HSYM

Howie Young

Section D: Should the President not be available for summer broadcasting, he/she shall nominate a replacement, to be approved by the Board of Directors.

Section E: Student Activities fees may not be used for summer operations.

Section F: Funding arrangements for summer operation must be approved by the Dean of the College.

Article XII: COLLEGE STANDARDS FOR THE MCRS

Section A: There shall be an MCRS Advisory Committee which shall be appointed by the President of the College and which shall be made up of the Director of Student Activities, the Faculty/Staff Advisor, Director of Public Affairs, a representative of the Summer Language School, one faculty member, two students appointed by the Student Forum, the Station Manager of WRMC "ex officio" and, if possible, two local community members. It shall be the responsibility of the Advisory Committee to advise the Student Board of Directors of MCRS with respect to community service, summer operation, compliance with FCC regulations, programming opportunities, etc., and to submit to the President periodic reports and recommendations pertaining to WRMC matters.

Section B: If the Advisory Committee and the Student Board of Directors of MCRS cannot agree on committee matter, the Advisory Committee shall be free to notify the President of the College or a representative of the President.

Section C: If the President or the President's representative believes that the MCRS is not operating in the best interest of Middlebury College, he or she shall take the following steps:

1. The President or President's representative shall consult with the President of MCRS. It shall be the responsibility of the President of MCRS to make any changes he/she deems necessary as a result of the complaints.
2. If the President of the College or the President's representative is not satisfied with the action taken by the President of the MCRS, he shall then consult with the Community Council to mediate any dispute between the management of the MCRS and the President of the College or the President's representative. The Community Council shall be empowered to authorize the removal from office of the offending individuals(s) of MCRS if it believes this action is justified.

Section D: In the event of the removal of an officer of the MCRS by the Community Council, appeal may be made to the President of the College by the removed officer.

Section E: Article XII may not be amended without the permission of the President of the College.

Approved December 1986

Memorandum

DATE: July 1, 1996

TO: Tiffany Sargent, Director of Student Activities

FROM: Howie Young, WRMC

RE: Data Network

Tiffany,

I just wanted to drop you a quick note about the installation of data connections at the WRMC studios. When we last talked about the issue, we were unsure of the timetable that ITS had set for Proctor. I have talked with the folks at ITS and they wanted to hear from you as to our hopes for a timetable.

Hopefully, this project can be completed before the beginning of the school year in order for WRMC to put our audio feed on the world wide web. We have all the hardware and software, save the data connection to the school's server. It would be a great help if you could ask about the schedule for this installation in Proctor.

If you have already found out the schedule, I would appreciate a quick note letting me know when it will happen. I will plan appropriately for the installation here at the station.

Sincerely,

Howie

Send Copy to Acct – pls. 7/11/96

staying off-campus

Memorandum

DATE: July 10, 1996

TO: Tiffany Sargent, Student Activities

FROM: Howie Young, WRMC

RE: Early return to campus

462 - 2872

802 865 1703

Tiffany,

At our last meeting, I asked you if it was possible for me to return to campus early this fall to get the radio station ready for the academic year. You replied that you would like a list of reasons and proposed projects, and then you would consider the request. I've since spent some time writing down projects that will not be finished by the end of the summer session. The list follows:

-installation of computer to replace our reel decks: we currently have possession of must of the hardware necessary to complete this project. However, Jay Swan is moving very slowly in helping us acquire the last few pieces. Once the material is in, the job should only take a day, but it does not look as though Jay will have the pieces for us until the middle of August.

-installation of computer for Audionet link: this project can only be completed once ITS has installed the data links in WRMC. I think that it should occur in August, but I'm not positive. Either way it will not be finished before end of the summer session. The project should take a little less than a complete day.

-installation of sound proofing foam: WRMC has recently purchased 200 sq. feet of foam for one of our studios. The studio in which it is to be installed is in daily use by the language schools. Because of fumes produced by the foam and the adhesive, the studio needs to be empty for a few days. The actual installation should only take two days, with three days thereafter for curing of the adhesive and dissipation of fumes.

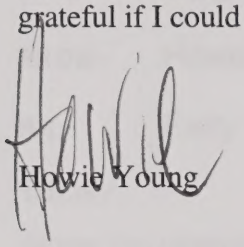
-installation of new phone equipment: the new phone equipment must be wired directly into our main studio mixer. While it won't be an extensive project, it will be time consuming to run wire between studios and phone extensions. I project a half day for this project.

-maintenance of production room mixer: the 17 year old mixer that is currently in the production studio is on its last legs. In order for the unit to make it through the academic year, I need to go through and clean the corrosion from every electrical connection. I project this should take three days.

-office work: included here are updates to our logs and training manuals, setting up the general schedule, updating our web site, and previewing new music that will have arrived. This could take a month, but I would like to get a two or three day headstart.

-music library: as this summer has progressed, the staff here as been archiving old vinyl to make room for the 700+ CD overflow from our shelving. Despite working on the project since the middle of June, we are currently only to the C's in our alphabetized shelving. I need to have a couple of days to do as much of this project as possible before classes.

For the last two semesters I, and the others on the staff, have spent almost the entire first two weeks at the radio station instead of attending to our studies. As a student, I cannot afford to spend this kind of time with the station at the beginning of the semester; as the General Manager of WRMC, I'm unable to neglect the above, and countless smaller projects, and expect to have an operational radio station for the semester. If I spend the week and a half prior to classes, including Labor Day weekend, working at the station, I should be better able to carry out my responsibilities as a student and a WRMC staff member. I'm not asking to be paid or put on the meal plan for this time, but I would be grateful if I could move into my dorm room on August 27th or 28th.



Howie Young

Memorandum

DATE: July 24, 1996

TO: Peggy Fischel, Telephone Services

FROM: Howie Young, WRMC

RE: New Phone System

CC: Tiffany Sargent, Student Activities
Gary Savoie, Consulting Engineer

Peggy,

I have seen the Ericson and Nynex trucks surrounding Voter, and I hope the project is going as planned. I understand that this is a very busy time as we get closer to August 19, but I have not heard from you or the Ericson folks since our meeting in the beginning of June. I am currently planning some projects for upgrades to the radio station, and I was wondering if you had an updated estimate of when the new phones will be arriving in Proctor. The July 15th estimate has obviously come and gone, and I hope we can expect the arrival before too long.

I have yet to get an answer on the questions in my last memo. I will attach it as a reminder. I thank you for the efforts you have made to help us meet our needs as a radio station, and I trust that they will continue.

Gratefully,

HSYIII

Howie Young

Memorandum

COPY

DATE: ~~July 24, 1996~~ June 5, 1996

TO: Peggy Fischel, Telephone Services

FROM: Howard Young, WRMC

RE: Yesterday's Meeting

CC: Tiffany Sargent, Student Activities
Gary Savoie, Mirkwood Engineering

Peggy,

I wanted to thank you again for arranging the meeting with the Ericson folks yesterday; I am very grateful and happy that you are taking the time to help us make the transition with the new phone system. As you requested, I have gone through the current extensions that WRMC has and thought about how to economize them, while keeping an eye on where the station is going in the next few years. Here are the extensions currently assigned to WRMC: 6323, 6324, 5108, 5638, and 388-6323 (I told you yesterday that 4910 was one of the extensions, it is actually 5108.) After the meeting yesterday, I sat down and came up with this plan for the extensions for WRMC:

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drop the Nynex line (Will this cause us to loose our listing in the Yellow Pages? Is there any way around this?)

I realize that the new lines may cost the station for installation. I just checked the punch blocks where I believe that the WRMC phone connections come from; it is a mess, but there appears to be some room on it. I hope that installation costs aren't prohibitive, but we may jump off that cliff when we come to it. If any of the above presents a problem for you, please let me know.

Gratefully,

Howie Young

OCT - 2 1996

Memorandum

DATE: October 1, 1996

TO: Jim Ross

FROM: Howie Young, WRMC

RE: Tower Location

CC: Tiffany Sargent

Jim,

As we both know too well, the WRMC staff has a problem with continuity because of high turnover. I wanted to create a written record of our meeting this morning mostly for our records, but also for yours. Additionally, I did not feel that I was as clear, or complete, as I should have been this morning about my reasons for wanting to move the WRMC transmitter and tower to Proctor hall.

First, it should be clear that I'm working from a worst case scenario that the completion of the Chipman Hill tower will not be completed for a number of years, if at all. If this project does suddenly come to a conclusion sometime between now and November, then what I have to say is irrelevant.

Below are a list of questions and answers that Gary and I came up with when coming to the conclusion that placing our antenna array behind Proctor was the best solution to our current situation.

Why consider a site other than Chipman Hill? The cost of placing two FM antennas on Chipman Hill could easily exceed $50,000 for each station (not including transmitter, etc.) WRMC could expect to pay $70,000 to $85,000 for a complete set up on Chipman Hill. WRMC's signal coverage would be no better on Chipman Hill than on most any other hill in the Middlebury area. Although progress on the Chipman project has seemingly picked up in the last 12 to 18 months, there are many things that need to happen between now and completion. New problems continue to arise.

What other sites are available? Snake mountain will not be able to hold a telecommunications tower because of Act 250 considerations. A tower in the wooded area near the golf course would need lights and a considerable zoning variance; it would be neither time saving or very likely. A Snow Bowl tower would make us interfere with other radio stations, never pass Act 250, and prevent us from covering much of Middlebury. Placing an antenna array on top of most any college buildings would bring up countless structural difficulties and probably not give very good coverage of Addison county. Placing the tower adjacent to a college building, near the highest part of Campus (Hillcrest Rd.) could give good signal coverage and be relatively inexpensive.

Why place the tower adjacent to Proctor Hall? A tower at 35 to 50 feet above the tallest part of Proctor would give similar signal coverage to a Chipman Hill tower. An antenna array that extended above Proctor would cost approximately $50,000 less than placing the same set up on Chipman Hill. The back side of Proctor is possibly the least visible place to set a tower and antenna on campus. A tower attached to Proctor would not need lights or guy

wires; thus, keeping costs and visibility down. If an addition is made to the current Proctor, movement of the structure should cost no more than five to seven thousand dollars and not need F.C.C. approval. The tower footing would take up no more than one square yard and would easily fit between the side of the building and the dining services dumpster. A zoning variation, if necessary, should be a fair trade for our removing WRMC's burden from the Chipman project.

I hope that this has made my reasons more clear to you and will assist you in discussion with David Ginevan and Fred Dunnington; I've included a copy for David Ginevan, if you feel this summary could be helpful to him. If you have any questions please call me at WRMC (443-6324) or at home (388-6728.)

Sincerely

Howie Young
General Manager, WRMC

OCT 11 1996

MIDDLEBURY COLLEGE

Office of the Treasurer

TO: Howie Young, WRMC
FROM: Jim Ross
DATE: October 10, 1996
SUBJECT: Tower Location
CC: David W. Ginevan
Tiffany Sargent ✓

Yesterday I met with Dave Ginevan on the above. I had given him a copy of your memo of October 1, 1996.

He is not at all interested in a tower, as you described at Proctor. When you talk about an "antenna array" in your memo, do you mean something as shown for Chipman Hill? Can we think of any other location?

I have looked through the Zoning Regulations and cannot find anything about 35 feet. It may be there, but I couldn't find it. As I said at our last meeting, there is reference to structure heights not exceeding 35 feet, but nothing about antenna above structures.

Dave agrees that we should not talk to Fred Dunnington yet. Let's keep our discussions amongst ourselves for now.

We should, however, proceed to file the FCC 307 form requesting another extension of our broadcast construction permit, which expires November 6, 1996. I'm still waiting for a letter from Fred Dunnington explaining the situation as it now stands and I would expect this letter to be useful to file with our form FCC 307.

Would you please ask Gary to call me (802-462-2872) so we can discuss this.

Thanks.

Jim

Jim Ross

* If straight past in sky — one thing; if a transmitter, etc., another matter

d:\memos\Document3

TOWN OF MIDDLEBURY

94 Main Street, Middlebury, Vermont 05753

October 24, 1996

James D. Ross
RD 2 Cider Mill Road
Middlebury, VT 05753

RE: FCC Modification of Construction Permit for WRMC-FM
Authorization File No. BPED-901119MB, dated March 25, 1992

Dear Jim:

You have asked me to write a letter explaining the reasons for the delay in erecting the new Chipman Hill Radio Tower. I understand you would like this letter for the purposes of your request for extension or renewal of the Middlebury College Radio Station antennae construction permit referenced above.

The Town has been aware since 1990 that Middlebury College would like to relocate its transmitting antennae from Middlebury College to Chipman Hill. The Town has no objection to this, in fact we feel it would provide better coverage for the Middlebury community, as well as the College. The Town has included the College in its plans for improved radio and telecommunications facilities on Chipman Hill ever since your first request, and we will continue to support your application.

Unfortunately, the Town of Middlebury does not control the existing radio tower. This is under the ownership and control of Anthony Neri, doing business as Dynamite Radio, under a license agreement with the Town which owns the land as part of the Battell Trust. Since 1990 we have been working on a new, combined communications facility that would replace the existing Dynamite Radio tower and provide capacity for both the present Dynamite Radio use, as well as Middlebury College, and a number of other cellular telephone and two-way radio users. The funding for this would come primarily from the cellular companies and Middlebury College, under sublicense agreements with Dynamite Radio.

We have come through a lengthy process and we believe and hope that the tower can be erected within the next few months. The reason it has taken so long is that the Town has had to go through a court proceeding to declare the placement of the tower and additional necessary site modifications as an allowable alteration of the Will of Joseph Battell. In addition, the Town has come through successful Zoning Board and Board of Selectmen approval proceedings, as well as several administrative reviews as the plans have evolved and changed, through Vermont's Act 250 development control law. The approval from the Addison Superior Court was finally received in May of this

MUNICIPAL BUILDING *388-4041
PUBLIC WORKS 388-4045
POLICE DEPARTMENT *388-3191
FAX NUMBER 388-4364
*TDD available

year. Since then the attorneys representing the principal parties have been working on various contractual and financing issues, agreements and assurances, which they feel are necessary to proceed.

The Town has no desire to delay this project and we are upset that it has taken so long to complete this, since improved radio coverage and communication facilities are desirable for our community. I can certainly assure whomever is reviewing your application for extension or renewal of your FCC approval, that this is in the community interest and the delay has been no fault of Middlebury College. I would be happy to answer any further questions that you or others may have in regards to this matter.

I hope this gives you what you need in order to secure renewal or extension of the Middlebury College FCC approval.

Sincerely,

Fred S. Dunnington
Town Planner

FSD:ejd

cc: Betty Wheeler, Town Manager

12/3/96

Tiffany -

Do you have a problem regarding this - from WRMC reserves. Howie said that he hadn't mentioned it to you. Please forward to Don Wyatt for his signature. He can send to Martha Baldwin. (I have warned her.)

Thanks

C -

ust-building, it can be a stage where groups get stuck.
push a group to the stage where work happens smoothly

hip : Choosing Service over Self-interest. Led by Gail
ctivities. The practice of leadership stewardship involves
powerment of those they lead, expanding responsibility for
ll look at how this model, if followed by student
eadership development at Middlebury.

dge Adventure Center

is course since enrollment is limited.
rved basis. In order to participate in this workshop, you
. December 6. There is no charge for this workshop.

teve Koppi
ssociate Director, Career Planning & Placement
'o-coordinator, Emerging Leaders Workshop

Memorandum

From: Howie Young, WRMC
To: Charlotte Chase, Student Activities
Date: December 3, 1996
Re: EAS

Charlotte,

The F.C.C., in their infinite wisdom has decided to do away with the old Emergency Broadcast System (EBS) and replace it with the Emergency Action System (EAS), as of January 1,1997. For WRMC, this means that we must replace our EBS system with equipment designed for the EAS system. All radio and television stations nationwide will be making this switch, and only a handful of companies have been approved to build this equipment. I had been waiting for a couple of more companies to offer products, but it looks like if we wait any longer (i.e. another week), everything will be out of stock.

I have talked to our usual host of supply companies, and once again Broadcast Supply Worldwide has the best price. The unit that I have selected is from a company called Burke, which has been in the business for a long time and is well respected. I have informed Gary of my choice of equipment, and he has given his approval.

Attached is a requisition form with all the pertinent info. As the case usually seems to be, we need this stuff in a hurry, so I put the date need as December 15. If we do not have this equipment installed by the time we go back on the air for January (1/3/97), the school will be in a position of facing fines from $10,000 to $25,000.

If there are any questions or concerns, please call me at 388-6728 or drop me an e-mail at "hyoung@panther.middlebury.edu".

Thanks,

Howie

12/3/96
Don -
Would you please sign off on this + send to Mark Baldwin

5026-1424-6208 ©Moore Speediset® MCP® - Patented 1996 All Rights Reserved 0305m

MIDDLEBURY COLLEGE REQUISITION

CONFIRMING DO NOT DUPLICATE		
MARK X	WITH	DATE ORDER PHONED IN

PURCHASING ONLY		
DATE ORDERED	P.O. NO.	121965

DATE OF REQUISITION	REQUESTED BY / YOUR NAME / EMP. CORE NO.	ACCOUNT NUMBER TITLE / BUDGET NAME / DEPT. IF DIFFERENT
12/3/96	C Chase 78469	WRMC Reserves

WORK ORDER NO. * SEE BELOW	SECOND WORK ORDER NO. * SEE BELOW	ACCOUNT NO. * SEE BELOW	SECOND ACCOUNT NO. IF NEEDED * SEE BELOW
_____-(___)	_____-(___)	99-345-(01)-____	___-____-(___)-____

DELIVERY SERVICE INSTRUCTIONS

NAME: Call me when available X3103 ROOM NO. / FLOOR: Charlotte BUILDING:

ALL CONFIRMING ORDERS MUST BE PRICED AND REQUISITIONS RECEIVED IN PURCHASING WITHIN 24 HOURS

VENDOR	VENDOR NO.	DATE REQUIRED BY
Broadcast Supply Worldwide	51733	December 15 1996

ADDRESS	TERMS
7012 27th St. West	% DISC. / NO. DAYS / DAYS NET

CITY	STATE	ZIP CODE + FOUR	SHIP VIA
Tacoma	WA	98466-____	

ATTENTION	VENDOR PHONE NO.	VENDOR FAX NO.
Tom Roalkvam	(800) 426-8434	(800) 231-7055

LINE ITEM NO.	QUANTITY	UNIT	ITEM / PART NO.	DESCRIPTION	UNIT PRICE	TOTAL PRICE
	1		EAS	Burke Encoder/Decoder		1870
	1		RX-4	Burke Receiver		1018
						$1888

Tom,

If there is ~~gonna~~ going to be any problem getting this stuff here by 12/15, let me know at (802) 388-6728

-Howie

Please order

* EXPENSE CODE KEY:

01 - NEW EQUIP. (OVER $250.00)	10 - SUPPLIES
02 - EQUIP. REPAIR	19 - FILMS
03 - PROFESSIONAL SERVICE	20 - TRAVEL
07 - SOFTWARE	40 - PRINTING

BUDGET ADMINISTRATORS APPROVAL FOR ACCOUNT NO.S ABOVE Chase Charlotte Chase

PRINT LAST NAME SIGNATURE

FORWARD COPY 1 (YELLOW) AND COPY 3 (WHITE) TO PURCHASING DEPARTMENT

JAN 06 1997

MIDDLEBURY COLLEGE

TO: David W. Ginevan
FROM: James D. Ross
DATE: January 3, 1997
SUBJECT: WRMC
CC: Tiffany Sargent ✓
Howie Young

For your information, enclosed is a photocopy of our approved Modification of Construction Permit which extends our completion date to June 12, 1887.

Tel: 802-443-5404 *Old Chapel, Middlebury, VT 05753-6005* *Fax: 802-443-2076*

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No. BMPED-961106JA
Call Sign WRMC

MODIFICATION OF CONSTRUCTION PERMIT
FM STATION
(Class Station)

Modification No.

Recd 12/23/96
R

THE PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE
MIDDLEBURY COLLEGE
MIDDLEBURY, VT 05753

Permittee THE PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE

Station location: MIDDLEBURY, VT

Associated Broadcast station:

The Authority Contained in Authorization File No. BPED-911119MB

dated 3/25/92 granted to the Permittee listed above is hereby modified in part as follows:

DATE OF REQUIRED COMPLETION OF CONSTRUCTION: JUN 12 1997

The modification of construction permit shall be attached to and be made a part of the construction permit of this station.

Except as herein expressly modified, the above-mentioned construction permit, subject to all modifications heretofore granted by the Commission, is to continue in full force and effect in accordance with the terms and conditions thereof and for the period therein specified.

Dated: DEC 12 1996

FEDERAL COMMUNICATIONS COMMISSION

F.C.C. WASHINGTON, D.C.

FCC Form 361
October 1978

ISSUED BY: PAS

3/27/97
FYI
Sent a requisition to Don Wyatt

TO: Whom It May Concern

FROM: Bryan Stratton, WRMC General Manager

RE: Purchase Order

DATE: 19 March 1997

Attached is an equipment proposal from Broadcast Supply Worldwide for several replacement pieces of equipment needed by the campus radio station. These are the most competitive prices available to us, and WRMC has always been pleased by the quality of BSW's equipment and service. An itemized list of the equipment follows:

• D6800EEEIII Stanton Phonograph Stylus (12) - These are lightweight, durable phonograph styli used for our two studio turntables, our two production room turntables, and our office turntable. Currently, we have just enough styli to fit all five turntables, but as these are delicate pieces of equipment, it is necessary for us to have several in reserve. Also, the two production room turntables, as well as the office turntable, are operating with older, worn styli which are in desperate need of replacement. We would replace all five styli with the new ones and leave seven in reserve, which should last the remainder of the semester and through the summer with no problems.

• CDPXE500 Sony Compact Disc Player (4) - These are the most basic single-disc players offered by BSW and fit the station's needs perfectly. With two CD players in almost constant operation in the studio, as well as a CD player in the office, another in the taping station, and two in the production room, it is impractical to purchase anything more expensive, as the slight increase in durability of a more expensive model does not justify the higher price; CD player motors wear out with constant play, and the only cost-effective solution is to replace the unit. These four players should last us through the summer and leave us in good shape for the fall.

• PMD101 Marantz Portable Two-Head 2-Speed Cassette Recorder (1) - The WRMC News Department has used an archaic portable cassette recorder to conduct interviews for many years. Sadly, it has finally given up the ghost. This is the least expensive of the three portable models offered by BSW and should fit the needs of the News Department perfectly.

• CLC221 Marantz Carrying Case (1) - A carrying case for the previous item (PMD101), to protect it from dust in the studio and the elements during on-site interviews and generally ensure the maximum return on the investment in the PMD101.

• 500AL Stanton Phonograph Cartridge (4) - These cartridges attach to the arm of the phonographs and hold the styli. We have opted to go with a lighter, less-expensive model than we have previously used in an attempt to preserve our styli. Two of our phonographs need new cartridges, and the other two would be held in reserve as replacements.

If you have any questions about this purchase order, please contact me at ext. 4006.

Sincerely,

Bryan Stratton
WRMC General Manager

EQUIPMENT PROPOSAL

Equipment Solutions To Keep You Number One

BSW
BROADCAST SUPPLY WORLDWIDE

TO: **MIDDLEBURY COLLEGE**
WRMC
MIDDLEBURY, VT 05753-

PROPOSAL #: 6095-00
QUOTATION DATE: 02/26/97

SALES REP.: TOM ROALKVAM

Attn: BRIAN STRATTON

FAX: 802/443-2068

SHIP VIA: UPS

FOB: ORIGIN

TERMS: NET 30

QTY	MODEL #	MFR.	DESCRIPTION	MFR. LIST	EXTENSION	UNIT PRICE	TOTAL
12	D6800EEEIII	STANT	STYLUS	41.00	492.00	31.35	376.20
4	CDPXE500	SONY	CD DECK	200.00	800.00	135.00	540.00
1	PMD101	MARAN	PORTABLE TWO HEAD 2 SPEED	279.00	279.00	199.00	199.00
1	CLC221	MARAN	CARRYING CASE-PMD221/PMD201	40.00	40.00	25.40	25.40
4	500AL	STANT	PHONO CARTRIDGE	25.00	100.00	18.70	74.80
				Mfg List Total	1,711.00	**BSW Total**	**1,215.40**

Thanks -

Tom Roalkvam

QUOTATION GOOD FOR 30 DAYS FROM ABOVE DATE UNLESS OTHERWISE NOTED

Toll-Free Phone: 800-426-8434
Toll-Free Fax: 800-231-7055

Broadcast Supply Worldwide
7012 27th Street West Tacoma, WA 98466 USA

Worldwide Phone: 206-565-2301
Worldwide Fax: 206-565-9114

MIDDLEBURY COLLEGE
MIDDLEBURY, VERMONT 05753
(802) 388-3711

FACSIMILE TRANSMITTAL SHEET

TO: Gary P. Savoie
FROM: Jim Ross
COMPANY: Kirkwood Engineering
DATE: 6-4-97
FAX NUMBER: 802-860-0381
TOTAL NO. OF PAGES INCLUDING COVER: 2
RE: FCC modification of construction permit for WRMC-FM

URGENT | FOR REVIEW | PLEASE COMMENT | PLEASE REPLY

NOTES/COMMENTS:

Hope Fred's letter helps!

Jim

pc: Tiffany S.

(802) 443-2058 (fax)
(802) 443-5504 (telephone)

TOWN OF MIDDLEBURY
94 Main Street, Middlebury, Vermont 05753

June 3, 1997

James D. Ross
RD 2 Cider Mill Rd
Middlebury, VT 05753

RE: Middlebury College WRMC-FM FCC Construction Permit

Dear Jim:

You have asked me to write another letter explaining the reasons for the further delay in erecting the new Chipman Hill Radio Tower. I wrote you a similar letter dated October 24, 1996 in connection with your request to the FCC for modification of the Construction Permit to relocate WRMC-FM as contained in authorization file #BPED-901119MB.

As I explained to you last Wednesday, the Town and NYNEX are now required by the State of Vermont to submit an application for an Act 250 permit to construct the new tower on Chipman Hill. This was a change in State environmental regulatory policy, as you know since we had previously received Act 250 clearances. The application is now being prepared by the firm of Duboise and King and hopefully will be submitted within the next couple of weeks.

The Town acknowledges and appreciates your diligent interest and concern with this project and we will continue to do what we can to bring this to a successful conclusion, which we hope will be reached so the tower can be constructed by this fall. You do not need to apologize for your periodic visits to my office to inquire about the status of the project. I would be happy to answer any further questions you or the FCC officials have in regards to this matter.

I hope this gives you what you need in order to secure renewal or extension of the Middlebury College FCC approval.

Sincerely,

Fred S. Dunnington
Town Planner

FSD:ejd
cc: Betty Wheeler, Town Manager

MUNICIPAL BUILDING *388-4041
PUBLIC WORKS 388-4045
POLICE DEPARTMENT *388-3191
FAX NUMBER 388-4364
*TDD available

Mirkwood Engineering Services
50 Park Avenue
Claremont, New Hampshire 03743
(603) 542-6784

Sunday, May 18, 1997

James D. Ross
RD 2 Cider Mill Road
Middlebury, VT 05753

Regarding: FCC modification of construction permit for WRMC-FM

Dear Jim;

As could have only been inevitable, the renewal date for the modification of construction permit is coming up on June 12, 1997. Once again, we are faced with the difficult problem of showing and documenting due-diligence on our part to exercise this permit. I'm sure that this must be very frustrating for you after having spent so much time and effort to bring the process this far over so many years, only to be stymied by circumstances you can't control. I've been noodling on this for a few weeks and may have a solution to both preserve the coverage gained by the modified permit and at the same time relive you of the constant FCC pressure to move the project to closure.

As I see this, and please correct me if I am being over simplistic or blatantly wrong; 1) WRMC, through whatever process and trials, obtained a construction permit for a substantially greater power station; 2) This permit is predicated on a transmission facility located on the tower facilities at Chipman Hill; 3) While WRMC essentially has all its ducks in a row to proceed, Chipman Hill use issues have substantially changed since the permit was filed for; 4) The FCC *has modified* the table of allocations to reflect the modified construction permit and WRMC has been *protected* from other stations encroaching upon its coverage area, based upon this theoretical coverage.

Here is where I see our fundamental divergence in a solution. While I agree that given time, Chipman Hill will happen, I don't believe that it is in our best interest to keep an

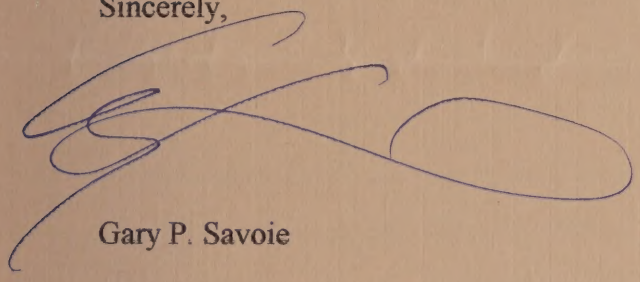
artificial pressure upon ourselves. You need time, relieved of a panic situation every six months, to consummate the arrangement on Chipman Hill. WRMC needs to protect its coverage area from encroachment. Here's my thought process: 1) In order for WRMC to operate from Chipman, certain expenditures were going to have to be made; a new transmitter was needed, a microwave was required, a new remote and of course, a new antenna; 2) If we could find a different site, perhaps with a slightly different coverage pattern, but still large enough to successfully protect the contour gained in the Chipman Hill permit, we will have effectively 'put up a fence' around WRMC; 3) At any time later, once the Chipman Hill issues have been brought to a successful conclusion, we could re-file a new request for a modification of license and move to Chipman; the FCC really wouldn't care, I've seen stations move two and three times; 4) all our expenditures would be usable at Chipman, except perhaps the antenna. Bottom line, WRMC would probably lose about $6000 by moving ahead now. Naturally, if and when WRMC re-filed to move to Chipman, it could possibly sell this new antenna and minimize its loses.

Looking around campus, I noticed a very empty smokestack down by where the old pool was located. This stack is very usable as a FM transmission facility. It appears, utilizing very back of the envelope calculations, to be about the same height as the current facility in Gifford Hall, thus there would be some consistency of coverage. Located away from residence halls, chapels and classrooms, the extra power would not present an interference problem to the college. Aesthetically, no one would probably even notice the installation.

Think this over and give me a call to discuss it. I'm thinking out load and probably haven't anticipated every aspect of this proposed solution. I can be reached most

anytime during the day at 800.747.3779 and most evenings until ungodly hours of the night at 802.865.1703.

Sincerely,



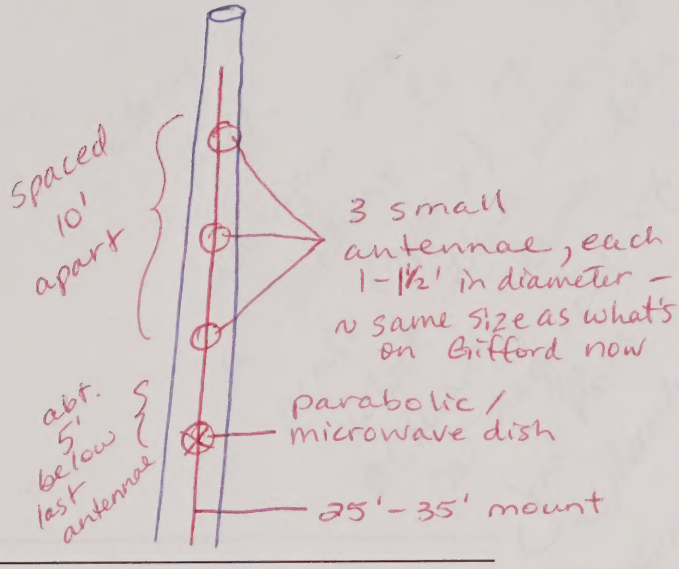
Gary P. Savoie

cc: Tiffeny Sargent

Jim Ross 462-2872

[redacted]

Memo



To: Tiffany Sargent, Director of Student Activities

From: Howie Young

CC: Kevin Peckham

Date: June 9, 1997

Re: Antenna Details

Tiffany,

As you requested, I'm writing to answer some of the questions of detail that Gary Savoie's recent letter raised. He should be able to get back to Jim or Kevin in a day or two via e-mail, but this should give a framework for what he is talking about in regards to the smokestack.

The idea of placing the WRMC antenna on the smokestack was first suggested to me by John Bowker in an e-mail from last year. Since then I have done some research into the topic and inspected sites where antenna arrays were mounted on smokestacks of various heights and widths. At these sites the smokestack acts only as a supporting structure; the antenna does not interfere with the smokestack, the scrubbers, or the exhaust in any way.

This would be the case if WRMC were to use the smokestack at the Service Building in such a way. After looking over the structure, Gary, Kevin, and I have an idea of what a potential set up would look like. Beginning 5 to 10 feet below the top, a mount specially designed to fit our smokestack[1] would attach to the structure. This 25' to 35' mount would hold the transmitting antennas (like the one found in the Gifford copula) and the microwave studio-to-transmitter link. Any wire connections to and from the top will run outside the smokestack. At the bottom of the smokestack would sit a shed to house the equipment. There are a number of pre-fabricated sheds available that are even smaller than the Gifford closet which currently houses our transmitter equipment or as large as a small dorm-room; whatever size, it could easily fit in the gravel area between the smokestack and the break-room entrance or on the side facing McCullough. The number of 110VAC outlets needed would be no greater than the current number in Gifford (apx. 8).

The entire set-up would be outside the smokestack and below the top. Radiation from the antenna will not interfere with the scrubbers nor be of concern to the occupants of the Service Building. FM antennas radiate outwards, not downwards. Finally, every piece of equipment purchased for this application could be used when moving to the Chipman Hill site, except for the customized mount. If you have any questions please call me at 388-0867.

---

[1]There are a number of broadcast companies which make custom mounting hardware for smokestack applications.

• nothing will be higher than the smokestack
everything is 5-10' below the smokestack, running down the smokestack

3 antennae i.e. Gifford
1-1.5' in diameter
½-¾" tubing
come out 4-6"
spaced out @ 10'
5' below last one
small parab. dish

microwave

[redacted]

Memo

Gary -
FYI -
Can you draw a picture to scale (approx.) of what this would actually look like per request of Jim Foss.
Thanks,
Tiffany
06.10.97

To: Tiffany Sargent, Director of Student Activities

From: Howie Young

CC: Kevin Peckham

Date: June 9, 1997

Re: Antenna Details

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---

[1]There are a number of broadcast companies which make custom mounting hardware for smokestack applications.

From: "Gary P. Savoie" <gpsavoie@together.net>
To: Tiffany Sargent <Tiffanys@gw.middlebury.edu>
Date: 6/16/97 9:44am
Subject: Re: WRMC & smokestack

Good morning;

Shouldn't be overly hard to come up with a diagram on the mount. I will contact a company that I am familiar with who build these mounts and get a download on their products. I don't know the particulars on the stack (height and diameter) so scale could be a bit approximate, but I'm sure that we can come up with something visual.

On the subject of the stack scrubbers, I need to know the operating and installation parameters for the devices.

Corrosion is almost inpossible, given that the mount is below the lowest point of the cap ring. Unless the smoke at the stack at Middlebury choses to challange the laws of physis and drift downward, the antennas will be subjected to minimal corrosion.

State Permit !? That's a good one. Your stack is obviously permitted, you're not changing its height or size, you're not changing its use, merely expanding its use. I can't find a single reference to this situation in any of the Schedules for Act 250 and a quick Westlaw check doesn't reveal a single reference in the state to this sort of issue. I had an off the record chat with an attorney about the possibility and her take was as I expected: It is no different than if it was being mounted on a roof for which you would not need a permit. In other words, beg forgivness rather than ask permission

I think I have a picture o somewhere of one of these mounts; I'll find it and mail it over.

G

CC: Midd.internet("peckham@panther.middlebury.edu")

From: "Kevin D. Peckham 99" <peckham@cougar.middlebury.edu>
To: Tiffany Sargent <Tiffanys@gw.middlebury.edu>
Date: 6/26/97 10:10am
Subject: Re: Meeting with Gary and Jim Ross -Reply

Probably early afteroon?
kp

On Thu, 26 Jun 1997, Tiffany Sargent wrote:

> any particular time of the day? sure, I'll call Jim Ross.
>
> T.
>
> >>> "Kevin D. Peckham 99" <peckham@cougar.middlebury.edu>
> 06/26/97 09:25am >>>
> Tiffany,
> Gary said he would probably be available for Tuesday. Could
> you
> find out if Mr. Ross is available then?
> Thanks,
> Kevin
>
>
>

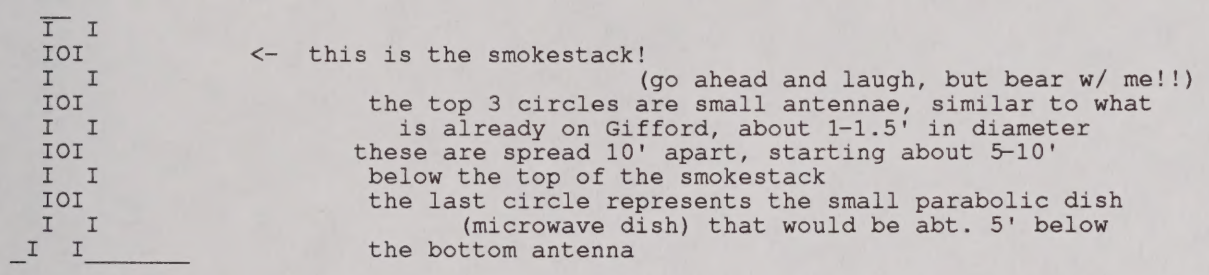
Jim Ross
462-
2872

Monthly
time sheets

From: Tiffany Sargent
To: GWHITNEY, ginevan
Subject: CLARIFICATION: WRMC ANTENNA ON SMOKESTACK

Just wanted to clarify the proposal re. a possible move to the smokestack. Nothing would extend above the top of the smokestack. In fact, the top of the attached mount, would be about 5-10' below the top of the smokestack (thus no corrosive reaction from the emission). I didn't realize this, nor did Jim, I believe; and there is no large, unsightly protusion beyond the sides of the smokestack.

Here's my admittedly poor (but brave!) attempt at a quick diagram of what this would look like:



The mount is a pole that would be about 25-35' tall that would extend down the length of the smokestack, again starting about 5-10' below the top. The 3 antennaes and the parabolic dish would be affixed to this mount.

This whole idea is based on the estimate that the Gifford cupula is about the same height as the smokestack. I'm checking w/ Jon and Art to try to get specifics. Also, all parts except the tailored mount would be able to be used should we eventually move to Chipman Hill.

Hope this helps at least a little. I've asked Gary Savoie to provide a "real" diagram to scale.

In the meantime, we have processed the paperwork and are fed-exing today our application for renewal of extension w/ the FCC. Jim came by and signed the letter Gary drafted so we are moving ahead on that front as well. I'll give Jim a copy of the diagram as soon as Gary faxes it to me.

I wish I could copy Jim on this but will at least send him a hard copy. Thanks again for considering all this.

Tiffany

CC: dbernier

Sidney G. Kay
46 Topland Road
Hartsdale, New York 10530

14 July 1998

Mr. William F. Melton II,
Vice President for External Affairs
MIDDLEBURY COLLEGE
Middlebury, VT 05753

Dear Will,

I've been meaning to write to you since I was struck with, what I consider a "brilliant" thought concerning the raising of funds for the College. As Class Agent, my mind is always running along the lines of *money*.

Back in 1949 I was one of the *founding members* of MIDDLEBURY COLLEGE'S original foray into the radio game. It suddenly occured to me that next year will be the 50th year of the founding of the College radio station. The call letters have changed and we started out on AM but the station is now on FM. No matter for the details -- the station that was begun is still in operation -- only far more professionally and efficiently.

I have a listing of the *original founders* and thought there might be some way of this group, those of us still living, to start a fund directed, in some way, to provide support of, either the station, or help a student who is serious about going into radio following graduation. Perhaps, if nothing else, we could fund a nice brass plaque on the building which houses the station indicating the original date and, possibly the *founders*.

Our original Board of Directors: James W. Kitchell '51, President
John D. Bowker '52, Chief Engineer
Laurence R. Draper '52, Program Director
Sidney G. Kay '50, Business Manager
Mary A. Roberts '52, Secretary
Stuart Briggs '52, Advertising Manager

I know Stu has died and Al Gussow "52 has also died. But there were others involve I will try to list all I can find in the old clippings of the Campus I have saved.

Jean M. Roberts '52 was involved with publicity. I recall Diane K. Stoddard '51 was also actively involved. She died shortly after graduation. Malcolm McGregor did hockey play-by-play with Jim Kitchell while Ken Nourse and Bud Mulroy did home basketball games. I have also just run across, printed in the May 11, 1950 Campus, the next slate of officers:

Herbert R. Melchior '52, President
Margaret B. Schlumpf '53, Secretary
Lawrence B. Warnock '53, Station Manager
William S. Brackett '53, Production Director
John D. Bowker '52, Chief Engineer
Stuart M. Briggs '51, Publicity Head
Gordon S. Ross '51, Business Manager
Diane K. Stoddard '51, Advertising Manager

If the College, or you, would like to contact these people indicating something along the lines I have suggested, maybe this concept could be completed in time for commencement, homecoming, etc. during 1999. If the College can supply me with the current names and address of those listed and any others records might reveal, I will try to establish a MIDDLEBURY COLLEGE Radio Station Fund. If you have any thoughts along this line, I'd like to hear from you. I also thought I might donate my original scrapbook to the station at that dedication ceremony, should such come about. I direct this to you because I have found you are a mover and shaker on the campus and really get things done. Will, I look forward to your thoughts.

Regards,

Sid.

91.7 MHZ RADIO
MIDDLEBURY
COLLEGE

BOX 2200, MIDDLEBURY COLLEGE
MIDDLEBURY, VERMONT 05753
(802) 388-6323

Nobody's Records
Attn: John Doe
Hooverville Rd.
Nowheresville, AK
00000

February 30, 1999

Be imaginative in your informative mood

Dear Mr. Clone,

This last term has seen an increase in Folk and Bluegrass (example only you fools) at WRMC. We are now broadcasting 15 hours a week in addition to our normal programming.

We are very glad to have recieved your January 30th shipment. Jojo McGillicuddy's new album has begun to catch on and we anticipate a boom in it's popularity. During the month following it's release, Frankie Hicks' new album, Life in the Gutter has made the heavy airplay category on our latest playlist. In addition Ivan Cutchakokov's Shit on a Shingle has remained on the playlist since last October.

check with [illegible] or the big

Your record service has been dyno. Thanks very much and please keep those records coming.

Sincerely,

Hugh Montgomery
Record Relations Staff

**********FORM ONLY*****FORM ONLY*****FORM ONLY**********

DONOT***COPY***USE***YOUR***IMAGINATION***PLEASE*****

Sidney G. Kay
46 Topland Road
Hartsdale, New York 10530

11 August 1999

Mr. Otis Hart
RD #1 Box 2335
Montpelier, VT 05602

Dear Otie,

You don't know me, which makes it even because I don't know you either. However, I was given your name by the Alumni Office of MIDDLEBURY COLLEGE. I understand, during Homecoming weekend there is to be a gathering of present and former members of the campus radio station. I use the words "campus radio station" because the present call letters are very different from the original call letters with which we started.

I was one of the founders of **WMCRS**. This was our call sign when we started broadcasting from the chicken coop behind Professor Bowker's home. That goes back to about 22 September 1949. We were originally a 5 watt AM station and I don't recall the location on the dial. As I understand it, we also held the distinction of being <u>one</u> of the <u>two</u> 5 letter call signs in the United States at that time. Following are the original Board of Directors of the station, should you wish to contact any or all of them:

James W. Kitchell '51, President
John D Bowker '52, Chief Engineer
Laurence R. Draper '52, Program Director
Sidney G. Kay '50, Business Manager
Mary A. Roberts '52, Secretary
Stuart Briggs '52, Advertising Manager (deceased)

I heard you plan to hold a dinner Saturday night during Homecoming. I have a Scrap Book I gathered back then with much of the information concerning the original activities of our venture which I would like to formally present for the current radio station archives, if such would be of interest to you. Let me know and if it is of interest, I'll bring it with me and present it to the entire current group of officers, or to whomever seems appropriate. I believe you'll have to contact the College Alumni office to find the present address of the original staff. Unfortunately, Stu died a number of years ago. As you can see, I was the eldest of the group (one of the returning soldiers from WWII) so I haven't kept in contact with any of the founders. I did have constant contact with Stu, but that has ended. I know Jim Kitchell went into some phase of broadcasting but I don't know about the rest.

Let me hear from you. I'd like to be involved with whatever you may have planned during Homecoming. Thanks.

Cordially,

Sid

Sargent, Tiffany

From: Close, Jen
Sent: Wednesday, September 15, 1999 1:40 PM
To: Sargent, Tiffany
Subject: Radio Station

Please call John Godlewski regarding WRMC. He can be reached at 388-3852.
Thanks so much!

Jen

Sargent, Tiffany

From: QRaymond@aol.com
Sent: Saturday, August 21, 1999 11:00 AM
To: Tiffanys@panther.middlebury.edu; johart@panther.middlebury.edu
Subject: radio station painting

Dear Tiffany,
Yep, but glad for the 2nd reminder. Will contact Sylvia as soon as I get on campus. I hope you're having a great summer! -Qr '99

>Did I already forward this to you?

>Tiffany

> -----Original Message-----
> From: Wilson, Sylvia
> Sent: Friday, August 20, 1999 3:46 AM
> To: Sargent, Tiffany
> Subject: RE: Radio Station
>
> When the students get back on campus have the manager contact me, we'll
> work out a good time then.
>
> Sylvia

WRMC 91.1 FM

Middlebury College • Drawer 29 • Middlebury, VT 05753
Phone: (802) 443-6324 • Fax: (802) 443-5108
http://www.middlebury.edu/~wrmc • wrmc@panther.middlebury.edu

September 15, 1999

Dear Mr. John Godlewski,

On behalf of WRMC I would like to sincerely apologize to you and your wife for the unauthorized transmission made between approximately 12:50PM and 1:30 PM on September 15, 1999. This broadcast was unquestionably offensive. I hope you understand that this transmission was not regularly scheduled programming, and that we are putting our best efforts towards finding the perpetrators of this incident. Due to this investigation we have not yet issued an official public statement. But I want to assure you that whoever did this will face serious consequences. For your information, we have been working for several months on an improved electronic security system that keeps track of who enters the station and at what time. Unfortunately, this system is not yet in place. Until it is operational, we are changing the manual locks. Again, I cannot possibly stress how sorry we are that this happened. If you would like to discuss the matter with me further, do not hesitate to give me a call at 443-4684. I thank you for your concern and I hope that you will continue to listen to our radio station, despite this regrettable incident.

Sincerely,

Quinn Raymond
Station Manager

cc:Tiffany Sargent

WRMC 91.1 FM

Middlebury College • Drawer 29 • Middlebury, VT 05753
Phone: (802) 443-6324 • Fax: (802) 443-5108
http://www.middlebury.edu/~wrmc • wrmc@panther.middlebury.edu

September 15, 1999

To the Middlebury and Addison County community:

WRMC would like to apologize to the Middlebury community for a transmission made between approximately 1:10 and 1:30 PM on September 15, 1999. This broadcast was offensive, and we are aggressively pursuing this matter. We are taking all necessary steps to ensure that such a situation does not arise in the future. WRMC pledges to continue to serve, educate, and entertain the Middlebury community in the future. Any questions or comments should be directed to the Station Manager, Quinn Raymond, at extension 4684.

Sincerely,

Quinn Raymond
Station Manager

Douglas Chini
Business Director

Sent 9/16

MIDDLEBURY COLLEGE

MIDDLEBURY, VERMONT 05753

Student Activities
Telephone: (802) 443-3103

September 15, 1999

Edward Greene
26 Warwick Street #2
Somerville, MA 02145

Dear Mr. Greene:

Thank you for your recent contribution to WRMC.

It is a privilege to work with such talent and energetic students, helping them to realize their goals for their student organization.

Your continued support of the College and our students are greatly appreciated.

Sincerely,

Tiffany

Tiffany Nourse Sargent
Director of Student Activities

WRMC's 50th anniversary this year!

Thank you!
2

AUG 16 1999

Middlebury

The Bicentennial Campaign

THE ANNUAL FUND

August 12, 1999

Tiffany Sargent
Student Activities
McCullough Student Center

Dear Tiffany,

I am pleased to enclose notice of a gift from an alumnus that was designated for support of the radio station. Gifts such as these enable the College to provide valuable opportunities for our students, and I am sure that Mr. Greene would be pleased to hear from you if you have time to drop him a note.

Please do not hesitate to call me at x 5760 if you have concerns or questions about our handling or crediting of gifts.

Warm regards,

Risé L. Drake

Risé L. Drake
Director of Annual Giving

Enclosure

Middlebury College • Middlebury, Vermont 05753
Fax 802-443-2083 Tel. 802-443-2002

I/We enclose a gift of $ 30 . I/We intend to make an additional gift of $_____ to be paid by June 30, 1999.
(Please make checks payable to Middlebury College)

Please charge $_____ to my ☐ Visa or ☐ Mastercard:

AUG 09 1999

Card Number #058790 *Expiration Date* 34-120

Signature *Date*

Name(s) Edward H. Greene Class(es) '96.5

(Please enter name(s) as you wish them acknowledged. If you and your spouse are both alumni, please indicate what percent of your gift you would like credited to each donor/class.)

☐ Language Schools ☐ Bread Loaf School of English ☐ Writers' Conference ☐ Friend

Mailing Address 26 Warwick St #2 E-Mail idrinkmoxie@yahoo

City Somerville State MA Zip 02145 Telephone

I reserve the right to alter [illegible] if [illegible] warrant [illegible] construed to be legally enforceable [illegible]

Middlebury's [illegible] ort.

EDWARD H. GREENE
26 WARWICK STREET #2
SOMERVILLE, MA 02145

5-133/110
1102448451

124

Date August 5, 1999

Pay To The Order Of Middlebury College Radio (WRMC) $ 30xx

thirty Dollars

Security features included. Details on back.

USTRUST
BOSTON, MA 02108

501

Memo gift to WRMC

Edward H Greene MP

⑆011001331⑆ 110 2448451⑈ 0124

Grant, Tammy

From: Sargent, Tiffany
Sent: Tuesday, September 28, 1999 12:43 AM
To: Grant, Tammy
Subject: FW: WRMC update

please print for file.

Tiffany

Tiffany Nourse Sargent
Director of Student Activities
Middlebury College
Middlebury, VT 05753
(802)443-3103
FAX (802)443-3012
e-mail: tns@middlebury.edu

-----Original Message-----
From: Quinn Raymond [SMTP:Qraymond@panther.middlebury.edu]
Sent: Tuesday, September 28, 1999 3:43 AM
To: Sargent, Tiffany
Cc: peckham@panther.middlebury.edu; wiser@panther.middlebury.edu; johart@panther.middlebury.edu; chini@panther.middlebury.edu; njohnson@panther.middlebury.edu
Subject: Re: WRMC update

Thank you so much Tiffany! Here is a list of our board as of 9/28/99.
Jenny will send you 50th ann. info. -Qr '99

Executive Board
Quinn Raymond General Manager
Mark Hamilton Program Director
Otis Hart Music Director
Doug Chini Business Director
Mike Wiser Special Productions Director

Staff
Jenny Marder Music Supervisor/50th Anniversary

Music Managers
Rob Sayre Rock
Ben Weber Hip-hop
Zach Kowall Techno
Lucas Klein Blues
Ben Gitenstein Jazz
Katie Pruitt Folk
Greg Ferguson-Cradler World
Russ Costa Ska
Jose Lobon Metal

Adam Schildge Training
Peter Nestor Underwriting
Erin Carr 50th Anniversary
Alex Carey/Ben Goldnick Sports
Mike Mahoney Promotions/Web-Master
Tim Sinnott On-Air/PSA's/Community Calender

News and Specials

Chris Orchard Campus News/Head of News
Brad Pryba Newscasts
Darin Sands Talkshows
Serena Peck Features and Editorials
Greg Ferguson-Cradler International News

Andy Baron Technical Manager
Jill Marcum Program Manager
Elena Johnson Concerts

Sargent, Tiffany

From: jen marder [marder@panther.middlebury.edu]
Sent: Tuesday, September 28, 1999 12:27 PM
To: tiffanys@middlebury.edu
Subject: WRMC 50th Anniversary

Dear Tiffany,

Quinn said you wanted to see a schedule of the 50th Anniversary. We will be letting alums do radio shows on the air throughout the week-end but the actual celebration will take place on Saturday, October 16th.

The speeches will begin at 2:00. The alumni panel will feature Frank Sesno, Jim Douglas, the Vermont State Treasurer and John Bowker, the man who founded WRMC in 1949. Quinn will be speaking briefly as well, on the changes taking place at the station currently and the 1000 watt upgrade. The lectures will be held in Gifford Annex Lounge. Afterwards, there will be a reception in Redfield Proctor with cocktails and hors d'oeuvres. At this time we'd like to have a sort of reminiscing session in which alums will be invited up to share WRMC stories from their eras.

Let me know if there's anything else you'd like to know about the week-end. You can e mail me or reach me at x6746.

Sincerely,

Jenny Marder
Music Manager & 50th Anniversary Co-Chair

Sargent, Tiffany

From: Jed Williamson [jwilliamson@SterlingCollege.edu]
Sent: Monday, October 04, 1999 5:00 PM
To: 'tns@middlebury.edu'; 'Tiffanys@jaguar.middlebury.edu'
Subject: WRMC

I have just returned from Japan, and am just getting around to messages.

This is the best conference your outdoor folks could go to. It won't be back east again for a couple of years. Next year it is in Alaska...

If you can't send anyone, at least buy the Proceedings book.

I would also be available to come to Middlebury and give my talk on accident prevention and conduct a seminar on risk managment - for a fee.

Let me know what questions you have.

Jed Williamson
President

Peckham, Kevin

From: Peckham, Kevin
Sent: Thursday, October 28, 1999 3:56 PM
To: Chini, Douglas; Gary Savoie (E-mail); Hart, J; Marder, Jennifer; Peckham, Kevin; Quady, Allison; Raymond, Quinn; Sargent, Tiffany; Wiser, Michael
Cc: Adams, Douglas
Subject: WRMC Upgrade Committee Meeting Minutes 10/28/1999

Upgrade Committee Meeting, 10/28/1999
WRMC lobby

Submitted by: Kevin Peckham

Present: Gary Savoie, Kevin Peckham, Quinn Raymond, Doug Chini, Otie Hart, Mike Wiser, Jenny Marder, and Ally Quady

Discussed: Upgrade Project
1. necessary steps
2. timeline
3. internal concerns

Necessary Steps for Completion of Upgrade Project:

1. **Ascertain full budget** - what exactly do we have to work with?
2. **Define Spending Procedures/ Policy** - written policy in memo form to be hashed out by Kevin Peckham
3. **Purchase Equipment** - transmitter, antenna, remote, etc. Need to be done early. Significant lag time on certain items - antenna, transmitter... Gary + Kevin (+ TNS + JW?)
4. **Approve Outside Contractor-** Written notice of declined bid by Jon Woodbury of Facilities Management for Transmitter housing room with 2 or 3 recommended bidders. To be sought by Kevin Peckham
5. **Finalize Construction Plans** Last red-lines on Construction Plans for transmitter room. To be finished by Gary and sent in multiple form to Kevin
6. **Solicit Bids.** Send out bid-packets with cover letters. Multiple Copies of Plans + Letter to be written by Gary. Sent out with plans by committee members.
7. **Walk-throughs.** Allow bidders to visit site. Crew of students need to be ready to accommodate visits: i.e. familiar w/ plans and site.
8. **Review Bids/ Select Contractor** - Gary in conjunction with committee and final approval by Jon Woodbury
9. **Begin Construction on Transmitter Room**
10. **Design Microwave System** -meet with Jon Woodbury etc.
11. **Select Rigger** - solicit quote/ plan, approval by Jon Woodbury
12. **Wiring RF to Studio** Roof penetration on Proctor etc.- plans drawn up by Gary - approved by Jon Woodbury, executed by college electricians.
13. **Finalize Timeline for rigging/ installation/ construction**

Antennae takes 10 wks to manufacture

Tentative Timeline: Week 1 (11/14-11/20): Bidder's Receive Package
(transmitter room) Week 2 (11/21-11/27): Affirmative Bid Responses
Week 3 (11/28-12/4): Walk Throughs
Week 4 (12/5-12/11): Receive Bids
*Week 5 (12/12-12/18): Award Contract
Holidays
*Week 8 (12/9-12/15): Begin Construction
Construction Deadline to be decided and included in contract

Monday

Internal Concerns: (I wasn't there for all of this discussion)
1. Programming Quality and Safeguards
-training/ knowledge of FCC regulations esp. safe harbor
-implementation of air check device - can be done by Kevin during next few
-feasiblity of delay- not very useful at this time
-feasibility of automation- to be re-examined after upgrade
-expanding programming to accommodate larger listening area
2. P.R.
-new listeners may be upset about our interference with old favorite

- Finance Committee's role (CC)
- Do what extent is FC responsible
- Jim Ross — what the College would pay ...

Memorandum

To: Tiffany Sargent

CC: Gary Savoie; Quinn Raymond; Mike Wiser; Doug Chini; Otis Hart; Jenny Marder, Ally

From: Kevin Peckham

Date: October 28, 1999

Re: Purchasing Policy for WRMC Upgrade

Purchasing Policy for WRMC Upgrade Equipment

1. Equipment to be purchased will be selected by Gary Savoie, Consultant Engineer of Mirkwood Engineering. Equipment to be purchased includes: Transmitter, Remote Control Unit, Antenna, Microwave System, Assorted Cables, and Mounting Brackets.

2. Quotes will be faxed to Kevin Peckham in the Student Activities Office at Middlebury College.

3. Purchase proposals will be written up by Kevin Peckham and attached to quotes. Proposals and quotes must be signed and approved by: 1. Kevin Peckham, WRMC Representative 2. Tiffany Sargent, Director of Student Activities.

4. Quotes and proposals for purchases above $1,000 must be approved and signed by Tom Corbin, Assistant Treasurer of Middlebury College.

5. Approved quotes and proposals will be sent to the Middlebury College purchasing office along with electronic requisitions for each item.

6. Purchased items will be received into short term storage in the service building as they arrive on campus and invoices will be sent to purchasing and copied to Kevin Peckham at the Student Activities Office.

Memorandum

To: [illegible]

CC: [illegible]

From: [illegible]

Date: [illegible]

Re: [illegible]

[illegible]

Sargent, Tiffany

From: Peckham, Kevin
Sent: Tuesday, November 02, 1999 3:05 PM
To: Sargent, Tiffany
Cc: Chini, Douglas; Gary Savoie (E-mail); Hart, J; Marder, Jennifer; Peckham, Kevin; Quady, Allison; Raymond, Quinn; Wiser, Michael
Subject: WRMC - Conversation w/ Jon Woodbury

Tiffany,

R.E. your conversation with Jon Woodbury and your concerns:

1. As far as the transmitter housing room goes I am bringing revised plans to him by the end of the week with his recommended changes as far as the length of the room and outward swinging door. Likewise the discussion of the cooling system is a concern of expense. I know its not a standard installation for Facilities and may be the one part that they need to contract out for and that is why Jon is wondering if it is something that is absolutely necessary. That will be a discussion that I or Jon will need to have with Gary. Even if it is needed, and it must be contracted out, it is my understanding that Jon would prefer to due that through his office anyway.

2. As far as the microwave relay on Stewart. This is a new idea. Basically the microwave system is 2 dishes that speak to each other that bring the signal from the WRMC studio to the transmitter at the Service building. The idea itself is not new. Originally we planned on using simply 2 dishes and go directly from Proctor to the smokestack. The idea with Stewart is that we use a relay from Proctor to Stewart and then from Stewart to the smokestack. The advantage of this system is that we have more flexibility as to where we are putting the microwave dish on Proctor. I.E. we can put it high enough on the roof that it is out of sight. Same with Stewart. While we don't have the specific plans for this installation drawn up yet, I ran the concept by Jon Woodbury yesterday and he said he had no initial objections to the plan as long as we worked with him on the designs. He also said that his crew could install the mounts and brackets and would prefer doing so before it got much colder.

3. What is still up in the air as far as our plans (pardon the pun) is the exact mounting method for the antenna. We have it planned out exactly where it will go, it's just that there are different methods of mounting them and we are looking for the best and most specific one for this installation. This is more of a minor detail and one that will be solved in part by the company who does the installation. I.e. we give them the plans and they come back to us with a quote out-lining how they plan to do it. We work our approval from there.

Given all of these factors I don't see any impediments or possible problems with going ahead with moving ahead our project given that finalized details on all aspects of the project are forthcoming soon and that none of the concerns outlined above are major concerns but rather concerns of detail. I think Jon Woodbury's call - just guess- was to make sure you are involved with this project, that I know what I'm talking about, and that you are aware that nothing is set in stone as of yet.

I hope this makes sense. Thank you again.

Kevin

Sargent, Tiffany

From: Peckham, Kevin
Sent: Tuesday, November 02, 1999 2:31 PM
To: 'sgafc@middlebury.edu'; Sargent, Tiffany; Adams, Douglas
Cc: Howard Young (E-mail); Chini, Douglas; Gary Savoie (E-mail); Hart, J; Marder, Jennifer; Peckham, Kevin; Quady, Allison; Raymond, Quinn; Wiser, Michael
Subject: WRMC 1,000 Watt Upgrade:

This memo is an attempt at updating everyone concerned about the long, arduous, yet exciting, project that has become known as the "Quest for 1,000 Watts."

First a brief history: WMCRS (Middlebury College Radio Service) started as a 5 watt AM transmitter connected to a phonograph housed in a chicken coop. It was hard-wired to the Proctor tennis courts for lack of a better antenna. Over the years it grew and changed from AM to FM and to FM stereo. Likewise it slowly evolved into what we know today as WRMC. WRMC is an entirely student run public radio station, one of the oldest of its kind in the country, that broadcasts to Middlebury College and a small portion of the Champlain Valley.

Around 1980 when we were a little 10 Watt FM station there were rumors circulating that the FCC would begin denying applications for renewal from stations of power less than 100W. These smaller stations known as "radio- sand boxes" gained the reputation for being less serious and worthwhile than larger stations. At this time it became imperative that we upgrade our transmitting facility to at least 100 Watts or face the threat of extinction. And so we upgraded to 100 Watts and simultaneously we became a radio station that broadcasts to the larger community of the town of Middlebury and surrounding villages. For just under 10 years we existed as a 100 Watt FM stereo radio station until the efforts of some students from 1989-91 secured WRMC a spot on a radio tower scheduled to be built on Chipman Hill. Shortly thereafter WRMC was granted permission by the FCC to upgrade to 1,000 Watts and approval was given by the school to spend the money that had accumulated in the WRMC "reserve account" (which has traditionally been used as a depreciation fund) in order to purchase the equipment necessary for the upgrade. Unfortunately, by the time approval from the FCC was in hand- the tower on Chipman Hill was tied up in legal battles. Cellular telephone companies were suing each other over more desirable spots on the tower and it was discovered that WRMC's spot on the tower was actually below tree line. These discouraging developments combined with an oath from a structural engineer that the tower was not nearly strong enough to hold all of the antennas planned anyway, made the folks at WRMC sadly give up hope on the Chipman Hill project.

Still, not wanting to give up entirely, it became a tradition at WRMC during the 90's to annually request an extension of the original construction permit to put an antenna on Chipman Hill. Not because anyone particularly believed it would still happen, but because it allowed us to protect the possibility of upgrading to 1,000 Watts. What could have happened if our permit ran out, was that another station around us could have upgraded completely destroying any hope of our ever upgrading and probably reducing by interference much of our current broadcast radius. Also during this time, we started looking at alternative sites for our antenna. A proposal for Snake Mt. was shot down. Likewise, a proposal for Bicentennial Hall was looked at and eventually nixed. [the irony here is that we thought the upgrade would happen long before Bicentennial Hall was built] Anyway, finally it was decided by the FCC that we would be granted only a finite number of extensions to our construction permit so that we had better show them that we were doing something quick. At the same time, a very simple solution to our problem was discovered on our very own campus. It was discovered that we could complete a very satisfactory installation of an antenna on our very own smoke stack on campus, with many fewer hoops to jump through and just as happy results. Therefore in 1997 we filed an application for a modification of our original construction permit to put an antenna on Chipman Hill. The modification was that the antenna would actually be mounted on the smokestack. And the we waited. We waited, waited, waited, waited. Then one day in the Fall of 1998 our application was approved. It happened to be approved the same week that the FCC physically moved all of their offices across the city to a new building. And our application approval was lost. Months later we called the FCC and ask them if our application had been approved and told us that of course it was approved. It was approved and had already run out. Unfortunately it was never mailed and we never knew. So we began again and filed a brand new application for a brand new construction permit to upgrade to 3,000 Watts. What the heck- we're going for it right? And that is what was finally approved in October of 1999, on the 50th anniversary of the radio station.

Where we are now: We now have approval from the FCC to upgrade to 2.9 kilowatts (nearly **3,000 watts**) and to place our new antenna on the smoke-stack of the service building. The current application is good for three years. Heaven forbid it actually takes that long!

The money that sat in 99-345 the WRMC "reserves/ depreciation" fund is at about $67,000 and should be just enough with a little cushion for the actual project to take place.

I don't have the exact breakdown yet- because we haven't gotten official quotes on the construction or rigging which are going to be a fair part of our overall costs.

Construction Timeline: Construction on the housing room for the transmitter in the entry way to the band room is slated to begin in the next couple of weeks. If we can get the antenna ordered this week that would be preferable because it takes 8-10 weeks to manufacture. Likewise, the transmitter has a 6-8 week lead time. With all of this in mind we're looking at a mid-winter installation. What has yet to be specifically determined is how the antenna will be mounted and by whom. Once we decide on the antenna mount we'll put out bids for a rigger. All in all, best case scenario we begin the spring semester at 3,000 watts. My opinion a more realistic date for the completion of the project is mid to late spring. That's just an attempt at foreseeing unforeseen difficulties.

Why the heck do we want to upgrade to 3,000 Watts anyway? It's more than just a Freudian insecurity. More power, means more listeners, which means a better experience/resume for DJ's and more real-world impact for our organization. With more listeners comes the possibility for more public service and the possibility for more people to hear each DJ/performer. It's like asking the football team if they want an extra 100,000 fans and a new stadium to go with it. We're still going to be geared towards Middlebury College - why wouldn't we be? But it only helps to have extra listeners.

Why should this project be paid for with student funds? That's a good question. And a good portion of what sits in 99-345 originally came from student activities fees. In 1995 the account was well over $100,000. $75,000 of this was allocated before the current system for administering funds (The Student Finance Committee) existed. Likewise, no money has been added to this account since 1994 or 1995. In the meantime, a lot of it has been spent on replacing equipment within the station. What this means in effect is that students from the early nineties and much earlier are footing the bill for this project which is actually occurring long after they are around to take advantage of it. It's a weird turn of events that's true. But it makes sense. The money that we are using to replace things like our antenna and our transmitter have accumulated through depreciating our old antenna and our old transmitter over the years. The reason the account grew so much is that our transmitter should have been replaced twice over this time period. For the last five years it has had a nasty whistle. Why haven't we gotten it fixed? There is no one left at the company who has even worked with that model. How old is it? It's serial number is 8.

What's the deal with 3,000 Watts- does it make your DJ's sound like Howard Cossell? Sadly, no. But you will be able to hear us in Rutland, Burlington, Whitehall, NY and everywhere in between. If you press seek on your car stereo it'll stop on WRMC about half as far away.

What happens to this account after we spend all the money? In my opinion, we should kill it. The official name for 99-345 on the account lists is "Reserves." That's an ugly term open to interpretation. A new account strictly known and used as a depreciation account should be created. Of course a lot of discussion and planning needs to take place before this happens. A big question still remains on who should pay for and who should administer a long-term account such as depreciation. I'd think that it is something that the school should pay for and a school official oversees the administration of - just so that there is a sense of history and continuity behind it. Maybe it should be a 26 account rather than a 99 account. But that's just an idea.

I think we should also start looking at alternative forms of funding for the radio station. It would seem like funding for the group be split between student activities fee funding for the actual organization and those accounts which directly apply to students and those accounts that are more in the interest of the college. Again its a hazy area that I think the leaders of WRMC, the Finance Committee and Student Activities should begin looking at.

Finally: I like to say that the sad part about this project is not that it has taken over 10 years, but that I have been here for 5 of them. Thank you every one who has put in time and effort over the years on this project. We are so close now that I can smell it. And the only possiblity of actually getting me to leave campus is gettin this project done.

Respectfully submitted,
Kevin Peckham
11/2/1999

Sargent, Tiffany

From: Peckham, Kevin
Sent: Tuesday, November 02, 1999 12:48 PM
To: Sargent, Tiffany
Cc: Chini, Douglas; Gary Savoie (E-mail); Hart, J; Marder, Jennifer; Peckham, Kevin; Quady, Allison; Raymond, Quinn; Wiser, Michael
Subject: Purchasing

Tiffany,

I just spoke with Skip Brush about the proposed upgrade purchases and he recommended/ preffered that we go through the bidding process for larger purchases. Basically, we have Gary provide detailed specs and reccomended vendors for each purchase and then Skip will ask for pricing/quotes from each company. It shouldn't take very long. I don't see any problem with it.

Gary,

Does this work for you?

Kevin

Grant, Tammy

From: Sargent, Tiffany
Sent: Thursday, November 18, 1999 1:34 AM
To: Grant, Tammy
Subject: FW: WRMC Upgrade Update

please print for wrmc file

Tiffany

Tiffany Nourse Sargent
Director of Student Activities
Middlebury College
Middlebury, VT 05753
(802)443-3103
FAX (802)443-3012
e-mail: tns@middlebury.edu

-----Original Message-----
From: Peckham, Kevin
Sent: Saturday, November 13, 1999 12:59 AM
To: Chini, Douglas; Gary Savoie (E-mail); Hart, J; Marder, Jennifer; Peckham, Kevin; Quady, Allison; Raymond, Quinn; Wiser, Michael
Cc: Sargent, Tiffany
Subject: WRMC Upgrade Update

As it has been a little while since last we've been in touch, I thought I would update everyone on how I saw the upgrade project progressing. Basically there are a number of factors we are waiting on that need to be resolved before we can set more specific/ accurate budgets and timetables then we have been dealing with thus far.

1. Transmitter housing room plans are in the process of being finalized and approved by Jon Woodbury. I think we can get this project in motion by the end of next week. At the latest construction could begin just after Thanksgiving.

2. A structural engineering firm is going to take a look at our smoke stack and make sure that it is in top condition and help us make a reccomendation on what kind of installation/ rigging we should do. I'm not sure of their time table at this point. Gary is talking to them now.

3. Gary is in the process of selecting our transmitter. Plans for the housing room need to be finalized before we can actually order the transmitter. Pricing should begin next week however. Likewise, I think we are waiting on rigging/ mounting details before we order our antenna.

4. Plans are still being molded on our microwave system. Jon Woodbury said that he had no initial objections with a relay system that included Stuart or Hepburn Halls. The geography department has given us coordinate data that will help us determine what kind of installation we will use. I am waiting on some more data from facilities on building heights, etc. and then Gary can begin drawing up plans for this system

In my estimation, while things are moving along smoothly, it may be overly optimistic of us to commit to a January installation. While it is still a reasonable goal, I see mid- late February as more realistic. Then again, I've never done this before. But I am acquainted to the rate of the grinding wheels of beauracracy and there are many different channels that different aspects of this project need to run through.

Kevin Peckham - the man with too much time to email on weekend nights

Sargent, Tiffany

From: Peckham, Kevin
Sent: Tuesday, November 30, 1999 2:50 PM
To: Chini, Douglas; Gary Savoie (E-mail); Hart, J; Marder, Jennifer; Peckham, Kevin; Quady, Allison; Raymond, Quinn; Wiser, Michael
Cc: Sargent, Tiffany; Adams, Douglas
Subject: Progress Update

Welcome back everyone. Here's a quick update on WRMC's ongoing quest for 3,000 watts.

1. **Transmitter Housing Room.** Plans have been finalized and approved. Construction should begin this week or next. I haven't heard any official work yet on when it is expected to be completed.

2. **Hardware.** Selection is finished. Pricing/ Purchasing kinks are being worked out. I hope to get these items (Transmitter, Antenna, etc.) purchased this week.

3. **Mounting/ Installation.** An engineering firm from Burlington reccommended by Jon Woodbury is looking into the structure of the smoke stack and is going to make their own reccomendation on the mounting system and installation. Pending their reccomenedation Gary will seek a rigger company.

4. **Microwave System.** We are waiting for word on a frequency for our RF dishes. We want to finalize our installation plans this week so we can get our brackets and mounts up ASAP.

More as I find it.

Kevin

Sargent, Tiffany

From: Clancy, Maura
Sent: Thursday, December 02, 1999 9:56 AM
To: Sargent, Tiffany
Subject: RE: WRMC ID cards

Thanks. I appreciate it. All total I have had about 15 calls from Aphauser re this system (at BiHall and WRMC) and it just seemed as if there was a huge gap in communication within the company. Hope others have had a more positive experience. Lots of luck and thanks

-----Original Message-----
From: Sargent, Tiffany
Sent: Thursday, December 02, 1999 9:49 AM
To: Clancy, Maura
Subject: WRMC ID cards

Maura,

Thanks for all your help with the ID cards and sorry the requests were so last minute. Sorry, too, to involve Tom but I got a call from the students at 4:50pm and learned that you had gone home sick an hour or so before; hence, my call to Tom. Anyway, I just wanted to touch base so you'd understand. Hope you are feeling better.

Tiffany

Tiffany Nourse Sargent
Director of Student Activities
Middlebury College
Middlebury, VT 05753
(802)443-3103
FAX (802)443-3012
e-mail: tns@middlebury.edu

[1990s]

to: W.R.M.C.
re: programming

Dear W.R.M.C. Station Manager:

Just a quick note and request. I wanted to let you know that my favorite show on your station last Spring was the weekly Contemporary Christian Music show. In fact, it was the only show that I always made a point of turning on / tuning in. Thus I was disappointed to find the show moved to an earlier much less convenient time slot this fall. As a professor, I am not really available to listen to music at 4:00pm in the afternoon.

When you do your scheduling for Winter and Spring, could you take this into consideration? I'd greatly appreciate it if the Contemporary Christian music show could go back to an early evening slot so I could once again listen to it.

Thanks for your time, thought, effort, and consideration.

Yours,

Matthew T Dickerson

Matthew Dickerson
dept. of Mathematics/Computer Science
ext: 5460
Warner 306